

User Guide



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Introduction

This *User Guide* introduces you to Sprint® service and all the features of your new device. It's divided into four sections:

- *Section 1: Getting Started*
- *Section 2: Your Device*
- *Section 3: Sprint Service*
- *Section 4: Safety and Warranty Information*

Throughout this guide, you'll find tips that highlight special shortcuts and timely reminders to help you make the most of your new device and service. The Table of Contents and Index will also help you quickly locate specific information.

You'll get the most out of your device if you read each section. However, if you'd like to get right to a specific feature, simply locate that section in the Table of Contents and go directly to that page. Follow the instructions in that section, and you'll be ready to use your device in no time.

User Guide Note	*Because of updates in your device's software, this printed guide may not be the most current version for your phone. Visit www.sprint.com and log on to* **My Sprint Wireless** *to access the most recent version of the user guide.*

WARNING	*Please refer to the* **Important Safety Information** *section on page 196 to learn about information that will help you safely use your device. Failure to read and follow the Important Safety Information in this user guide may result in serious bodily injury, death, or property damage.*

Your Device's Menu

The following list outlines your device's menu structure. For more information about navigating through the menus, please see "Navigating Through Device Menus" on page 28.

- ***Messaging***
  - *1: Text Messages*
  - *2: Setup E-mail*
- ***Calendar***
- ***Contacts***
- ***Settings***
  - *1: Phone*
    - 1: Auto Answer
      - 1: 2 seconds
      - 2: 4 seconds
      - 3: 6 seconds
      - 4: 8 seconds
      - 5: 10 seconds
      - 6: Never
    - 2: Call Options
      - 1: Any key answer
      - 2: Phone number
      - 3: Voice mail number
      - 4: International code
  - *2: Display*
    - 1: Home Screen
      - 1: Home screen layout
      - 2: Show Recent Programs
      - 3: Color scheme
      - 4: Background image
      - 5: Time out
    - 2: Start Menu Style
      - 1: Grid
      - 2: List
  - *3: Sounds*

1: Ring Tone	
1: Vibrate	2: None
3: Anticipation	4: Bug's Song
5: Charming Intro Tone	
6: City Light	7: Classic Bell
8: Color Lounge	9: Fast Tone
10: Floating Tone	11: Glitter Tone
12: Highway 101	13: Maze of City
14: Pause Tone	15: Rich Tone
16: Samsung Tune	17: Serene Tone
18: Serene Tone2	19: Spanish Guitar
20: Squash Tone	21: Sunny Day
22: Techno Dance	23: Tremolo Tone
24: Tumble Tone	25: Vivid Street
2: Notification	
1: New e-mail	
2: New text message	
3: New voice message	
4: New instant message	
3: System Sound	
1: Exclamation	
2: Question	
3: Warnings	

4: Keypad Tone	
1: Keypad control	
5: Call Alert	
1: Minute beep	
2: Connect tone	
3: Signal fade tone	
6: R2VS	
1: None	2: 3D Sound
3: M-Theater	
4: Profiles	
1: Normal	
2: Silent	
3: Vibrate	
4: Outdoor	
5: Automatic	
5: Power Management	
1: Main battery	

2: Backlight time out

1: 5 seconds	2: 10 seconds
3: 15 seconds	4: 30 seconds
5: 60 seconds	6: Never

3: Display time out on AC

1: 10 seconds	2: 15 seconds
3: 30 seconds	4: 1 minute
5: 2 minutes	6: 5 minutes
7: 10 minutes	8: Never

4: Display time out on Battery

1: 10 seconds	2: 15 seconds
3: 30 seconds	4: 1 minute
5: 2 minutes	6: 5 minutes
7: 10 minutes	8: Never

5: Display brightness

1: Level1	2: Level2
3: Level3	4: Level4
5: Level5	

6: Keypad backlight time out

1: 1 second	2: 2 seconds
3: 3 seconds	4: 4 seconds
5: 5 seconds	6: 10 seconds

7: Keypad backlight on

1: Any time

2: Custom time

8: Start time/End time

6: Connections

1: Wireless Manager

1: All	2: Bluetooth
3: Phone	

2: Bluetooth

3: Bluetooth Profiles

1: OBEX FTP Server Setting	
2: BPP Setting	3: My Information Setting

4: Dial-up

1: New...	2: Phone as Modem
3: Sprint Data	

5: Proxy

6: VPN

7: More...

1: USB to PC	2: Domain Enroll

- *7: More...*
  - 1: Date and Time
  - 2: Roaming
    - 1: Roaming option
    - 2: Data roam guard
  - 3: Security
    - 1: Device Lock
    - 2: Certificates
    - 3: Encryption
    - 4: Emergency Numbers
    - 5: Phone Reset
  - 4: Memory Information
  - 5: Text Input Settings
    - 1: Input Language
    - 2: Suggest words when typing
    - 3: Suggest after
    - 4: Suggest
    - 5: Add a space after word
    - 6: Enable auto-correct
  - 6: Remove Programs
  - 7: More...
    - 1: Accessibility
    - 2: Key Settings
    - 3: Regional Settings
    - 4: Other Settings
    - 5: Phone Information
    - 6: Owner Information
    - 7: More...
      - 1. About
      - 2: Error Reporting
      - 3: Customer Feedback
      - 4: Windows Update
      - 5: Managed Programs
      - 6: Setup E-mail
      - 7: More...

Call History

File Explorer

Internet Explorer

Windows Media

- *1: My Music*
- *2: My Videos*
- *3: My TV*
- *4: My Playlists*
- *5: Now Playing*

Organizer
1: Alarms
2: Notepad
3: Tasks
4: Voice Notes
5: World Clock
Office Mobile
1: Excel Mobile
2: OneNote Mobile
3: PowerPoint Mobile
4: Word Mobile
File Viewer
Camera
1: Camera Press Menu (right softkey), and then use the navigation key to scroll through and display the following options:

1: Shooting Mode	
1: Single shot 3: Mosaic shot 5: Night shot	2: Multi shot 4: Frame shot
2: Size	
1: 1280x960 3: 320x240	2: 640x480
3: Timer	
1: Off 3: 5 sec	2: 2 sec 4: 10 sec
4: White Balance	
1: Auto 3: Cloudy 5: Fluorescent	2: Daylight 4: Tungsten
5: Effect	
1: No effects 3: B/W	2: Sepia 4: Negative
6: Help	
7: Settings	
1: General	
2: Camera	
3: Camcorder	

2: Camcorder

Press Menu (right softkey), and then use the navigation key to scroll through and display the following options:

1: Size

1: 320x240	2: 176x144

2: Timer

1: Off	2: 2 sec
3: 5 sec	4: 10 sec

3: White Balance

1: Auto	2: Daylight
3: Cloudy	4: Tungsten
5: Fluorescent	

4: Audio

1: On	2: Off

5: Effect

1: No effects	2: Sepia
3: B/W	4: Negative

6: Help

7: Settings

- 1: General
- 2: Camera
- 3: Camcorder

Accessories

1: Calculator

2: Smart Converter

1: Currency	2: Length
3: Weight	4: Volume
5: Area	6: Temperature

3: Speed Dial

4: Stopwatch

5: Task Manager

6: Tip Calculator

7: Vision

ActiveSync

Games

1: Bubble Breaker

2: Solitaire

Pictures & Videos
Get On Demand
Getting Started
1: Set date and time
2: Setup e-mail
3: Set up a device password
4: Set up a Bluetooth headset
5: Set background
6: Set ring tone
7: Transfer music
8: Add/remove Getting Started
International Usage
Internet Sharing
Live Search
Messenger
RSS Reader

Service Mode	
1: Sprint CDMA	2: Int'l GSM
Software Store	
Sprint Navigation	
Sprint TV	
Voice Command	
Windows Live	
In Use Menu	
Press Menu to display the following options:	
1: Mute/Unmute	2: Speakerphone On/Off
3: Turn Hands-free On/Off	
4: Contacts	5: Save to Contacts
6: View Calendar	7: Call History

Section 1

Getting Started

Sprint

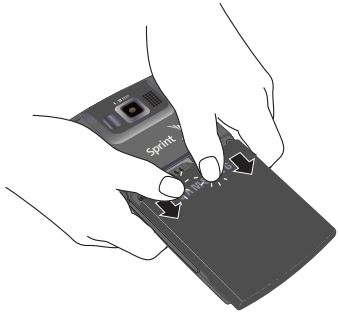
Setting Up Service

- *Setting Up Your Device*
- *Activating Your Device*
- *Setting Up Your Voicemail*
- *Sprint Account Passwords*
- *Getting Help*

Setting up service on your new device is quick and easy. This section walks you through the necessary steps to set up, turn on, and unlock your device; set up your voicemail; establish passwords; and contact Sprint for assistance with your Sprint service.

Setting Up Your Device

1. Remove the battery cover.
   - Press down with thumbs as indicated below.
   - While applying pressure, slide cover away from the camera lens (as shown below).



2. Install the battery.
   - Insert the battery into the opening on the back of the device, making sure the connectors align. Gently press down to secure the battery.
   - Position the battery cover and firmly slide it in until you hear a click.



3. Press [power] to turn the device on.
   - Your device will turn on, search for Sprint service, and then enter standby mode.
   - If your device is not yet activated, or if it is locked, see “Activating Your Device” on page 5 for more information.



Initial Setup

After you have powered on your device, you may wish to set some basic options. After the initial power-up, your device will display the Windows Mobile® screen where you will be guided through a series of setup procedures.

1. From initial screen, press ***Next*** (right softkey) to begin the setup process.

2. Use both the navigation key and keypad to enter new values within the date and time fields. See “Configuring the Time and Date” on page 62..
   - To toggle between AM and PM, highlight the AM/PM field and then press either ***A*** (for AM) or ***P*** (PM) on the keypad.
3. Press ***Next*** (right softkey) to continue on to the password setup screen where you can create a password which must be used to access your device’s features and data. See “**Locking Your Device with a Password**” on page 65.

   – or –

   Skip to step 7 if you do not wish to assign a password at this time.
4. Select “Prompt if device unused for” and press . (Enabling this option activates the remaining fields.)
5. Select each field and enter the desired information:
   - ***Minutes:*** to select the amount of unused time (idle) required before you are prompted for a password.
   - ***Password type:*** to choose from one of the following PIN types:
     - ***Simple PIN:*** must be at least four characters in length and cannot contain a simple sequence such as 000, 1111, or 1234.
     - ***Strong alphanumeric:*** must be at least seven characters in length and must contain at least one character from each of the following categories: uppercase/lowercase letters, numerals, and symbols. Examples of strong alphanumeric passwords are ***sb?8A!3*** and ***%$VH5hW.***
   - ***Password:*** use the keypad to enter the desired password.
   - ***Confirm password:*** use the keypad to re-enter the same password.
6. Press ***Done*** (left softkey) to store these settings.
7. From the E-mail screen, press ***Skip*** (left softkey) to return to the email account setup process at a later time, or press ***Next*** (right softkey) to continue with the setup process.
   - For more information, please see the Set UpYour Email guide included with your device.

8. Press ***Next*** (right softkey) to choose whether you would like to participate in the Windows® Feedback program.
   - Select either Enable or Disable and press ***Done*** (left softkey).

Note	*Some data connection charges may apply during the feedback update process.*

Note	*Although your device's battery should have enough charge (to power on the device, find a signal, set up your voicemail, and make a call), it is recommended that you fully charge your battery prior to its initial use. See "Charging the Battery" on page 26 for details.*

Activating Your Device

- ***If you purchased your phone at a Sprint Store***, your phone should be activated and ready to use.
- ***If you received your phone in the mail and it is for a new Sprint account or a new line of service***, your phone is designed to activate automatically when you first turn it on. To confirm your activation, make a phone call.
- ***If you received your phone in the mail and you are activating a new phone for an existing number on your account***, you will need to contact Sprint Customer Service to activate your new phone. There are two activation options:
  - From your computer's Web browser, go to ***www.sprint.com/activate*** and complete the onscreen instructions to activate your phone.
  - Dial ***1-888-211-4727*** from another phone to contact Sprint Customer Service to complete the phone activation.

When you have finished, make a phone call to confirm your activation.

Tip	*Do not press while the phone is being activated. Pressing cancels the activation process.*

Note	*If you are having difficulty with activation, contact Sprint Customer Service by dialing* 1-888-211-4727 *from any other phone.*

Unlocking Your Device

1. Press to turn the device on.
2. Press ***Unlock*** (left softkey).

Note	*To select a softkey, press the softkey button directly below the softkey text that is displayed at the bottom left and bottom right of your device's display screen. Softkey actions change according to the screen you're viewing and will not be displayed if there is no corresponding action available.*

3. Press to unlock the device.

Tip	*If you can't recall your lock code, try using the last four digits of your wireless phone number. If this doesn't work, call Sprint Customer Service at* 1-888-211-4727.

Using your Device to Call

- Make your first call.
  - Use your keypad to enter a phone number.
  - Press .

See "Making and Answering Calls" on page 29.

Setting Up Your Voicemail

All unanswered calls to your device are automatically transferred to your voicemail, even if your device is in use or turned off. Therefore, you will want to set up your voicemail and personal greeting as soon as your device is activated.

1. From standby mode, press and hold 1.
2. Follow the system prompts to:
   - Create your passcode.
   - Record your name announcement.
   - Record your greeting.
   - Choose whether to activate One-Touch Message Access (a feature that lets you access messages simply by pressing and holding 1, bypassing the need for you to enter your passcode).

Note	Voicemail Passcode *If you are concerned about unauthorized access to your voicemail account, Sprint recommends that you enable your voicemail passcode (do not activate One-Touch Message Access).*

For more information about using your voicemail, see “Using Voicemail” on page 154.

Sprint Account Passwords

As a Sprint customer, you enjoy unlimited access to your personal account information, your voicemail account, and your data services account. To ensure that no one else has access to your information, you will need to create passwords to protect your privacy.

Account Password

If you are the account owner, you'll have an account password to sign on to ***www.sprint.com*** and to use when calling Sprint Customer Service. If you are not the account owner (if someone else receives the bill for your Sprint Service), you can get a sub-account password at ***www.sprint.com***.

Voicemail Password

You'll create your voicemail password (or passcode) when you set up your voicemail. See “Setting Up Your Voicemail” on page 154 for more information on your voicemail password.

Data Services Password

With your Sprint smart device, you may elect to set up an optional data services password to control data access and authorize Premium Services purchases.

For more information, or to change your passwords, sign on to ***www.sprint.com***.

Getting Help

Visit www.sprint.com

You can go online to:

- Access your account information.
- Check your minutes used (depending on your Sprint service plan).
- View and pay your bill.
- Enroll in Sprint online billing and automatic payment.
- Purchase accessories.
- Shop for the latest Sprint devices.
- View available Sprint service plans and options.
- Learn more about data services and other great products like Sprint TV℠, games, ringers, screen savers, and more.
- See “Dialing Sprint Services” on page 87.

Reaching Sprint Customer Service

You can reach Sprint Customer Service in many different ways:

- Press *S 2 R on your device.
- Sign on to your account at ***www.sprint.com***.
- Call us toll-free at ***1-888-211-4727*** (Consumer customers) or ***1-800-927-2199*** (Business customers).
- Write to us at Sprint Customer Service, P.O. Box 8077, London, KY 40742.

Receiving Automated Billing Information

Your device lets you access billing information on your Sprint account. This information includes balance due, payment received, invoicing cycle, and an estimate of the number of minutes used since your last invoicing cycle.

To access automated billing information:

- Press *S 4 D on your device.

Note *This service may not be available in all Affiliate areas.*

Sprint 411

Sprint 411 gives you access to a variety of services and information through your device, including residential, business, and government listings; movie listings or showtimes; driving directions, restaurant reservations, and major local event information. You can get up to three pieces of information per call, and the operator can automatically connect your call at no additional charge.

There is a per-call charge to use Sprint 411, and you will be billed for airtime.

To call Sprint 411:

- Press *S 4 D 1 E 1 E on your device.

Sprint Operator Services

Sprint Operator Services provides assistance when placing collect calls or when placing calls billed to a local telephone calling card or third party.

To access Sprint Operator Services:

- Press  on your device.

For more information or to see the latest in products and services, visit us online at ***www.sprint.com***.

Section 2

Your Device

Sprint

Device Basics

- *Your Device Features*
- *Viewing the Display Screen*
- *Features of Your Device*
- *Turning Your Device On and Off*
- *Using Your Device's Battery and Charger*
- *Navigating Through Device Menus*
- *Displaying Your Phone Number*
- *Making and Answering Calls*
- *Entering Text*

Your device is packed with features that simplify your life and expand your ability to stay connected to the people and information that are important to you. This section will guide you through the basic functions and calling features of your device.

Your Device Features




19. Mirror
23. External Speaker
22. Camera Lens
20. Thumbwheel
21. Battery Cover
Sprint
SAMSUNG


25. Volume Key
26. Power Button
27. microSD Slot
24. Power/Accessory Interface Connector
28. Back-Clear/ Camera Access Key
Sprint
SAMSUNG

Key Functions

1. *Earpiece* lets you hear the caller and automated prompts.
2. *Display Screen* displays all the information needed to operate your device, such as the call status, the Contacts list, the date and time, and the signal and battery strength.
3. *OK Key* lets you access the device's menus and selects the highlighted choice when navigating through a menu.
4. *Left Softkey* lets you select softkey actions or menu items corresponding to the bottom left line on the display screen. For example, when you receive an incoming call, you would press *Answer* (left softkey) to accept the call.
5. *Talk Key* allows you to place or receive calls, answer Call Waiting, or use Three-Way Calling.
   - In standby mode, press once to access your call history (page 75).
   - Press twice to call the most recent phone number from the call history list (page 75).
6. *Home/Task Manager Key* provides quick access back to the Home (Idle) screen.
   - Press and release to exit the current screen or application and launch the Home screen.
   - Press and hold to launch the Task Manager screen.
7. *Voicemail Key* allows you to quickly access your voicemail. Press and hold this key for two seconds to automatically dial your voicemail's phone number.
8. *Function Key* allows you to quickly launch predefined applications or activate specific functionality. This feature is activated by pressing and holding the  key in conjunction with other specified keys.
9. *Plus Code Dialing Key* automatically dials the international access code for the country in which you are located (for instance, 011 for international calls placed from the United States).

10. *Space/Silent Mode Key* adds either a space to a text entry or activates the device's silent mode.
    - Press briefly to insert a blank character space into a message.
    - Press and hold to put your device in silent mode.
11. *Messaging Key* allows you to either access either the SMS Inbox or Message Composer.
    - Press briefly to access the SMS (Text) message Inbox.
    - Press and hold to launch the Text Message Composer (for new messages).
12. *Microphone* allows other callers to hear you clearly when you are speaking to them.
13. *Camera Key* lets you access the Camera preview where you can either take pictures or shoot videos.
14. *Keypad* allows you to enter numbers, letters, and characters using a full keypad interface that has the same layout as a computer keyboard. Press and hold keys 2–99 for speed dialing.
15. *Back/Clear Key* deletes characters from the display while in text entry mode. When in a menu, press  to return to the previous menu. This key also allows you to return to the previous screen in a data services session.
16. *End Key* lets you end a call, or return to standby mode. While in the main menu, it returns the device to standby mode and cancels your input. When you receive an incoming call, press to enter silent mode and mute the ringer.
17. *Right Softkey* lets you select softkey actions or menu items corresponding to the bottom right line on the display screen. For example, when you receive an incoming call, you would press *Ignore* (right softkey) to reject the call and route it to your voicemail.
18. *Navigation Key* scrolls through the device's onscreen menus and options.
19. *Mirror* displays your reflection while taking a picture or shooting video.

20. *Thumbwheel* lets you navigate through menu options (for example, when using the Quick Launcher [page 18] or within your Contacts list.)
    - Press briefly to either select an option or execute the selected application.
    - Press and hold to display the Quick Launcher screen (as shown on page 28).
21. *Battery Cover* covers and secures the internal battery and the SIM card.
22. *Camera Lens*, as part of the built-in camera, lets you take pictures and videos.
23. *External Speaker* allows you to hear the other caller and the different ring tones or sounds offered by your device.
24. *Power/Accessory Interface Connector* lets you connect a power cable and optional accessories such as a USB cable or wired headset for convenient hands-free conversations.
    CAUTION! Inserting an accessory into the incorrect jack may damage the device.
25. *Volume Key* allows you to adjust the audio volume in standby mode or adjust the voice volume during a call. The volume key can also be used to scroll up or down to navigate through the different menu options.
26. *Power Button*  , located at the top of the device, lets you both access a Quick List of functions and power the device on and off (as shown on page 24).
    - Press and release to access the Quick List screen where you can access the device Ringer profiles and the Wireless Manager, and lock the device or turn it off.
    - Press and hold to shut down the device or turn the device back on.

27. *microSD Slot* lets you use the microSD card to expand the memory of your device. (See “Using Your Device’s microSD Card and Adapter” on page 104.)

28. *Back-Clear/Camera Access Key* lets you not only clear an entry and return to a previous menu, but also activate the camera and video mode to take pictures and videos. This button is also user-configurable. (See “Device Customization” on page 59.)
    - Press briefly to either clear an entry or go back to a previously active menu.
    - Press and hold to launch the camera mode and access the Pictures menu and either take pictures or shoot videos.

Viewing the Display Screen

Your device’s display screen provides information about your device’s status and options. The display can be divided into five main areas:

- *Status Icons*: indicate your device’s current status.
- *Home screen*: shows items such as device numbers, menu icons, and other listings. (For more information see page 45.)
  - *Recently Used Apps.*: provides an icon list of recently accessed/used applications or features. This list becomes updated with each consecutive application or feature which is accessed/used.
  - *Recently Used Apps.*: displays the nearest upcoming event in your calendar. Select it and press to access your Today Calendar.
  - *Message Access*: provides quick access to the two different message types: SMS (text messages) and Email.
  - *Taskbar/Softkey*: provides access to Windows Mobile features such as the Start menu and Contacts.





- ***Quick Launcher***: appears as a scrollable list at the far right of the screen when the thumbwheel is pressed and held for more than three seconds.

This list identifies the symbols you'll see on your device's display screen:

- shows your current signal strength. (The more lines you have, the stronger your signal.)
- indicates the wireless feature has been turned off. Your device is in Flight mode and your cellular radio is turned off.
- indicates there is no service available and your phone is searching for a network.
- indicates your phone is in a roaming area.
- indicates a data call is in progress and provides its signal strength. (The icon is animated while a data session is active.)
- indicates there are no data sessions active.
- indicates the 1xRTT high speed data transfer protocol is currently in use.



indicates your device has high speed data service (EV-DO protocol), which is required for video streaming and downloads.



indicates a Voice call is in progress and provides its signal strength.



indicates you missed a call.



indicates the speakerphone is enabled.



indicates you have new text messages.



indicates you have voicemail messages. (Press and hold 1 E to call your voicemail box.)



indicates you have new email messages.



indicates your device's location feature is on.



indicates your device's location feature is off.



indicates the device has not detected an internal GSM SIM card.



indicates ringer volume is set to vibrate.



indicates Silence All mode is enabled. The ringer for the selected profile is set to Off.



indicates your device is operating in TTY mode.



indicates the camera is enabled.



indicates the camcorder is enabled.



indicates the self-timer function is enabled.



indicates the shooting mode.

AUTO indicates the white balance has been set to automatic.



indicates the white balance has been set to daylight.



indicates the white balance has been set to cloudy.



indicates the white balance has been set to tungsten.

indicates the white balance has been set to fluorescent.

indicates the effects mode.

launches the shortcut key screen for both camera and camcorder mode.

launches the options menu for both the camera and camcorder.

indicates battery charge level (icon shown is full).

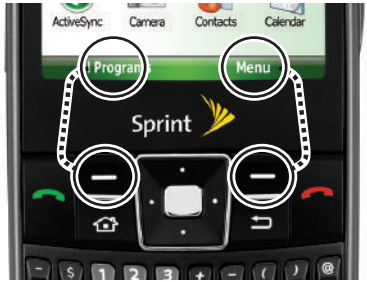
indicates battery charge level (icon shown fully discharged and device will power down.)

indicates battery is being charged.

indicates that Bluetooth® technology is active and enabled.

Using Softkeys

Softkeys are special keys whose functions are determined by the currently active dialog, menu, or page. The current function for these keys is displayed above them on the screen. Your device has a left ( ) and a right softkey ( ).



Using the End Key

The key can function differently depending on your current task, location, and the length of the press.

- In Idle mode, while in a menu or page:
  - A brief press takes you back to the Home Screen
  - A longer press locks the device.

  While in a voice call:
  - A brief press hangs up the current call.
  - A longer press locks the device.
- While in a data call:
  - A brief press puts the device into a dormant mode. (A second press will end the data call.)
  - A longer press locks the device.

Completing a Hard Reset of the Device

WARNING	*This reset will delete any installed applications or personal information saved to the device. Contacts stored on the SIM card will not be deleted.*

1. Remove the storage card from the device, if one is present.

Note	*A hard reset will erase the cipher key used for encrypting data on the microSD card. Please ensure that all personal data stored on this card is backed up to a computer so that it can later be transferred back to the memory card.*

2. With phone powered off:
   - Press and hold both the left and right softkeys.
   - While both softkeys are held down, press and hold until the unit powers on.
3. As the device begins to power on, release both softkeys.

Note	*Once the phone powers on, you should see an onscreen alert message (a white screen with blue text). If you do not see this screen, let the device power up normally, turn it off again, and then repeat steps 2 and 3.*

4. Immediately after the alert screen appears, press the left softkey.

Important	*You have only five seconds to press the left softkey. Otherwise, the device will start up normally and the reset will be unsuccessful.*

5. If the reset was successful, the device displays a pop-up message stating the device is currently reformatting. This process can take several minutes. Allow the process to finish without interruption.
6. When the device has finished resetting, follow the Windows Mobile setup instructions displayed on the screen. See “Initial Setup” on page 3.

Features of Your Device

The Samsung ACE™ is lightweight, easy-to-use, and reliable, and it offers many features and service options. This list previews some of those features and provides page numbers where you can find out more:

- Digital dual-band capability allows you to make and receive calls while on the Sprint National Network and to roam on other 1900 and 800 MHz digital networks where Sprint has implemented roaming agreements (page 72).
- Windows Mobile 6.1 comes with a Getting Started Center right on the phone. This application helps you set features such as date and time and ring tones, set up your email accounts, transfer music, and much more.
- The Recent Programs page gives you instant access to your most recently used programs. These programs are also displayed in a row of icons at the top of the Home screen (page 17).
- Task Manager lets you manage your device’s memory, processor usage, and battery life more effectively by letting your close or switch between different programs (page 51).
- Windows Mobile® 6.1 offers support for many types of Office 2007 files as well as the Adobe PDF 1.8 file format (page 103).

- Improved messaging capabilities such as Threaded Text Messaging (page 163), Recipient auto-completion (page 161), and multi-item selections make texting and emailing easier and quicker (page 164).
- Live Search® for Windows Mobile uses GPS to find what you want by direction or category and provides you with real-time traffic updates and movie listings for your area (page 140).
- Sprint Navigation uses built-in GPS technology to quickly locate nearby companies and services (page 186).
- Internet Explorer lets you copy text from any web page and then paste it into other applications, such as SMS text or email (page 137).
- The preinstalled SIM card lets you use your device when you are traveling outside of the U.S. (page 174).
- Windows Mobile® 6.1 comes preinstalled and turns your device into a portable computer that can use mobile versions of Microsoft Office programs such as Word, Excel, and PowerPoint. (For more information, please see the Setting Up Email guide included with your device.)
- Your device gives you access to the Sprint Software Store, where you can purchase not only Windows-based applications, but also Games, Ringers, and additional Screen Savers (page 168).
- The Samsung ACE™ uses ActiveSync® 4.5 to keep your computer and your device synchronized (page 144).
- Sprint TV (page 169) lets you enjoy live and streaming video and audio on your device.
- Data services (page 70) lets you get exciting On Demand media content through your device.
- SMS Text Messaging (page 160) provides quick and convenient messaging capabilities.
- Your Contacts list can be stored onto either your Phone or internal SIM card (page 80).

- The built-in Calendar offers several personal information management features to help you manage your busy lifestyle (page 88).
- The Location feature works in connection with available location-based services (page 51).
- The keypad lets you quickly type messages with one keypress per letter (page 38).
- Speed dial lets you dial device numbers with one or two keypresses (page 37).
- The Internet Sharing feature lets you use your device as a modem to connect your computer to the Internet anywhere on the Sprint National Network (page 143).

Note	*Your device and service provide access to the Sprint Mobile Broadband Network and its enhanced data services, including Sprint TV, fast Web access, downloadable games, ringers, and applications, and more.*

Turning Your Device On and Off

Turning Your Device On

1. Press , located at the top of the device.



Once your device is on, it may display “Searching for Service.” When your device finds a signal, it automatically enters standby mode – the device’s idle state. At this point, you are ready to begin making and receiving calls.

After five seconds of inactivity, the Power Save mode is activated.

In Power Save mode, your device searches for a signal periodically without your intervention.

Note	*The Power Save feature conserves your battery power when you are in an area where there is no signal.*

Turning Your Device Off

- Press and hold [power] for two seconds until you see the powering down animation on the display screen.

Your screen remains blank while your device is off (unless the battery is charging).

Using Your Device's Battery and Charger

WARNING	*Use only Sprint-approved or Samsung-approved batteries and chargers with your device. Failure to use a Sprint-approved or Samsung approved battery and charger may increase the risk that your device will overheat, catch fire, or explode, resulting in serious bodily injury, death, or property damage.*

These batteries and accessories can be found at Sprint Stores or through Samsung®; or call 1-866-343-1114 to order. They're also available at ***www.sprint.com***.

Battery Capacity

Your device is equipped with a Lithium Ion (Li-Ion) battery. It allows you to recharge your battery before it is fully drained. A fully charged battery provides up to 4.3 hours of continuous digital talk time.

When the battery reaches 5% of its capacity, the battery icon ([battery]) blinks. When there are approximately two minutes of talk time left, the device sounds an audible alert and then turns off.

Note	*Long backlight settings, searching for service, vibrate mode, browser use, and other variables may reduce the battery's talk and standby times.*

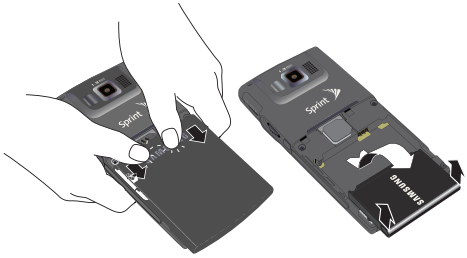
Tip	*Watch your device's battery level indicator and charge the battery before it runs out of power.*

Installing the Battery

- See "Setting Up Your Device" on page 2.

Removing the Battery

1. Make sure the power is off so that you don't lose any stored numbers or messages.
2. Press down on the upper end of the battery compartment cover (just above the embossed Samsung logo), slide the cover off, and remove the battery from the device.



WARNING	*Do not handle a damaged or leaking Li-Ion battery as you can be burned.*

Charging the Battery

Charge your battery as soon as possible so you can begin using your device.

Keeping track of your battery's charge is important. If your battery level becomes too low, your device automatically turns off, and you will lose any information you were just working on.

For a quick check of your device's battery level, glance at the battery charge indicator located in the upper-right corner of your device's display screen. If the battery charge is getting too low, the battery icon ( )blinks and the device sounds a warning tone.

Always use a Sprint-approved or Samsung-approved desktop charger, travel charger, or vehicle power adapter to charge your battery. Included in the packaging is a non-charging USB cable used for data transfer.

After setting up your phone, you should charge the battery for at least four hours to ensure it is fully charged.

Conserving Battery Power

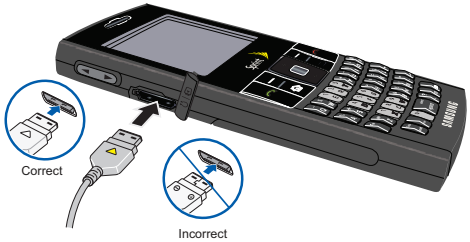
Each unused background application both increases the drain on your battery and decreases your device's performance. Close any unused applications via the Task Manager.

1. Press ***Start*** (left softkey) > ***All Programs*** (left softkey) > ***Accessories*** > ***Task Manager***.
2. Select an application from the list and press ***Stop*** (left softkey).

Note	*See "Navigating Through Device Menus" on page 28 for more detailed information about using your device's menus.*

Using the Charger

- Plug the flat end of the charger into the device's power/accessory interface connector and the other end into an electrical outlet.



With the Sprint-approved Li-Ion battery, you can recharge the battery before it becomes completely run down.

Navigating Through Device Menus

The navigation key on your device lets you scroll through menus quickly and easily. The scroll bar at the right of the menu keeps track of your position in the menu at all times.

To navigate through a menu, one option is to press the navigation key up or down. If you are in a first-level menu, such as ***Settings***, you may navigate to the next menu by pressing or to the previous menu by pressing .

A second navigation option is to use the thumbwheel located on the right side of the device. While in a list, the thumbwheel can be used to quickly scroll through available options.



For a diagram of your device's menu, please see "Your Device's Menu" on page ii.

Selecting Menu Items from the Main Menu

As you navigate through the main menu screen, applications (programs) are highlighted. Select any application by highlighting it and pressing . (If your display is set to List view [page 48], you can select any numbered option by pressing the corresponding number on the keypad.)

For example, if you want to adjust a device setting:

1. Press ***Start*** (left softkey) > ***All Programs*** (left softkey) to access the main menu.
2. Pressing ***Start*** displays the eight most ***Recent Programs*** you have used. If the application you are looking for is not present, press ***All Programs*** (left softkey) to display all the programs on your device.
3. Select ***Settings***, and then select ***Sounds*** by pressing 3 (if your device is set to list view [page 48]) or by highlighting it (using either the navigation key or thumbwheel) and pressing .

Note	*For the purposes of this guide, these steps condense into "Press* Start > All Programs > Settings > Sounds.*"*

Important	*If your device is set to Grid view (default setting), you can scroll through All Programs simply by pressing the navigation key down. However, in List view, you may need to press* More *(left softkey) one or more times to find a particular program. (See "Selecting the Start Menu Style" on page 48.)*

Backing Up Within a Menu

To go to the previous menu:

- Press  .

To return to standby mode:

- Press  .

Displaying Your Phone Number

- Press *Start* > *All Programs* > *Settings* > *Phone Information*. (Your phone number and other information about your device will be displayed.)

Making and Answering Calls

Making Calls

Placing a call from your device is as easy as making a call from any landline device. Enter the number, press  , and you're on your way to clear calls.

1. Make sure your device is on.
2. Enter a phone number from standby mode. (If you make a mistake while dialing, press  to erase the numbers.)
3. Press  . (To make a call when you are roaming and Call Guard is enabled, select *Roam Call* and press  . See "Setting Your Device's Roam Mode" on page 73.)

4. Press [end] when you are finished.

Tip	*To redial your last outgoing call, press* TALK ( ) *twice.*
	When making calls off the Sprint National Network, always dial using 11 digits (1 + area code + phone number).

You can also place calls from your device by using speed dialing numbers from your Contacts (page 37) and using your Call History listings (page 78).

Dialing Options

When you enter numbers in standby mode, you will see a variety of dialing options displayed as softkeys on the device's display screen.

To initiate an option, press the corresponding softkey.

- ***Save***: Enter a seven-digit or ten-digit number (phone number and area code) and press ***Save*** ( ) to save the phone number in your Contacts. (See "Saving a Phone Number" on page 35.)
- ***Menu:*** Accessed by pressing ***Menu*** ( ), provides you with the following options:
  - ***Open:*** Allows you to display information specific to the current caller (if they have been previously entered into the Contacts list).
  - ***Send Text Message:*** Allows you to send a text message to the currently entered (or selected) number.
  - ***View:*** Allows you to filter your onscreen list of numbers by one of three criteria: Calls and Contacts, All Calls, or Speed Dial.
    - The Speed Dial filter allows you to enter a number (1-99) and then display any speed dial entries which match the specified speed dial location. Press [send] to dial the speed dial number. (See "Assigning Speed Dial Numbers" on page 81.)

Tip *To speed dial a phone number from standby mode, press and hold the speed dial number. If the speed dial number is two digits, enter the first digit, and then press and hold the second digit. (For information on setting up speed dial numbers, see "Assigning Speed Dial Numbers" on page 81.) (This feature will not work when you are roaming off the Sprint National Network; when roaming you must dial using eleven digits [1 + the area code + the seven-digit phone number.])*

Answering Calls

1. Make sure your device is on. (If your device is off, incoming calls go to voicemail.)
2. Press to answer an incoming call.

   – or –

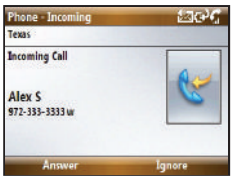
   Press ***Answer*** (left softkey). (Depending on your settings, you may also answer incoming calls by pressing any number key. See "Call Options" on page 52. for more information.)

Your device notifies you of incoming calls in the following ways:

- The device rings or vibrates.
- The indicator light flashes.
- The backlight illuminates.
- The screen displays an incoming call message screen.

If the incoming call is from a number stored in your Contacts, the associated name is displayed. If the incoming caller is not stored in your Contacts list, only the phone number is displayed. The caller's assigned image may also be displayed, if available.

For all incoming calls, the following options are displayed. To select an option, press the corresponding softkey.



- ***Answer*** to answer the incoming call. (This is the same as pressing .)
- ***Ignore*** to send the call to your voicemail box. (This is the same as pressing .)

Note	*When your device is off, calls go directly to voicemail.*

Ending a Call

- Press .

Using Call History

When you place, accept, or miss a call, a record of the call is saved in the Call History list. When you view the numbers in this list, an icon to the left of the number indicates the call type:

	***Dialed:*** Indicates all outgoing calls made from your device.
	***Missed:*** Indicates any missed calls.
	***Received:*** Indicates any received calls that were answered.

For more detailed information about the Call History, see “Call History” on page 75.

Making Calls from Call History

1. Press ***Start*** > ***All Programs*** > ***Call History***.
2. Use either the navigation key or thumbwheel to scroll through the available list.

Tip	*The previous two steps can be shortened by pressing from the Home screen to display a list of recent calls.*

3. Highlight the number and press .

Missed Call Notification

When an incoming call is not answered, the missed call icon ( ) is displayed at the top of your screen.

To display a missed call entry from the ‘Frequently used’ menu:

1. Use the thumbwheel to scroll through the list of frequently used applications.
2. With the missed call menu displayed, either press or press and release the thumbwheel to display the Call History list.

To display a missed call entry from standby mode:

1. Press *Start* > *All Programs* > *Call History* > *Menu* > *Filter* > *Missed Calls*.
2. Select the missed call entry you wish to view. (To call that number, press .)

Calling Emergency Numbers

You can place calls to 911 (dial 9 1 1), even if your device is locked or your account is restricted.

Note	*When you place an emergency call, your device automatically enters Emergency mode and remains in this mode until you manually exit.*

During an emergency call, press ***Menu*** (right softkey) to display your options. Select an option and press .

- ***Speakerphone On*** to activate speaker device mode. (If you are in speaker device mode, the option is displayed as ***Speakerphone Off*** to deactivate.)

Tip	*Press* **My Phone** *(left softkey) to display your phone number during an emergency call.*

To exit Emergency mode:

1. Press to end a 911 call.
   - When calling a non-emergency number, you must press ***Yes*** (left softkey) to exit the Emergency callback mode.

Note	*When you are in Emergency mode, you can exit only from the Alert menu.*

To deactivate the Emergency callback mode:

1. Press to end a 911 call.
2. Call a non-emergency number.
3. Read the Alert notification screen.
4. Press ***Yes*** (left softkey) to exit the Emergency call only mode and return to normal device operation or ***No*** (right softkey) to remain in this mode.

Enhanced 911 (E911) Information

This device features an embedded Global Positioning System (GPS) chip necessary for utilizing E911 emergency location services where available.

When you place an emergency 911 call, the GPS feature of your device seeks information to calculate your approximate location. Depending on several variables, including availability and access to satellite signals, it may take up to 30 seconds or more to determine and report your approximate location.

IMPORTANT	**Always report your location to the 911 operator when placing an emergency call.** *Some designated emergency call takers, known as Public Safety Answering Points (PSAPs) may not be equipped to receive GPS location information from your device.*

In-Call Options

Pressing ***Menu*** (right softkey) during a call displays a list of available in-call features. To select an option, press the corresponding keypad number or select the option and press [ ]. The following options may be available through the Options menu:

- ***Mute/Unmute*** to toggle the onboard microphone's mute state (on/off).
- ***Speakerphone On*** or ***Speakerphone Off*** to route the device's audio through the speaker or through the earpiece.
  - Select ***Speakerphone On*** to route the device's audio through the speaker. (You can adjust the speaker volume using the volume keys on the side of the device.)
  - Select ***Speakerphone Off*** to use the device's earpiece.

WARNING	*Because of higher volume levels, do not place the device near your ear during speakerphone use.*

- ***Turn Hands free On*** or ***Turn Hands free Off*** to toggle the state of the Bluetooth hands free feature between on or off.
- ***Contacts*** to display your Contacts list.
- ***Save to Contact*** to store the current phone number as a new entry into your Contacts list.
- ***View Contact*** to view details (if caller has already been saved to Contacts).

- *View Calendar* to display your calendar entries.
- *Call History* to display Call History list.

During a call, the left softkey functions as the *Mute* button. Press it to mute the device's microphone for privacy. Press it again to *Unmute* the device.

End-of-Call Options

After you receive a call from or make a call to a phone number that is not in your Contacts, the phone number and the duration of the call are displayed. Press *Save* (left softkey) to add the new number to your Contacts. (See "Saving a Phone Number" below.)

After you receive a call from or make a call to a phone number that is already in your Contacts, the entry name, phone number, and the duration of the call are displayed.

► Press *Menu* > *View Contact* to view the Contacts information for the number.

Note	*The End-of-Call options are not displayed for calls identified as No ID or Restricted.*

Saving a Phone Number

Your device can store up to 12 phone numbers in each of 10 Contacts entry types. Each entry's name can contain 255 characters. Your device automatically sorts the Contacts entries alphabetically. (For more information, see "Contacts" on page 80.)

To save a number from standby mode:

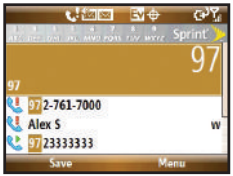
1. Enter a phone number and press *Save* (left softkey).
2. Select *<New Contact>* and press [ ].
3. Use the keypad to enter a first and last name for the new contact name. (You can also choose to update the number at this time.)
4. Use the navigation key to select a number type for the new contact from one of the following entries:
   - *Mobile*
   - *Work*
   - *Home*
   - *Work 2*
   - *Home 2*
   - *Company*

- *Pager*
- *Car*
- *Assistant*
- *Radio*

5. Select *Save*.

Finding a Phone Number

You can search Contacts entries for phone numbers that contain a specific string of numbers.



1. Enter one or more digits in standby mode. (Only numbers matching your entry are displayed. The more numbers you enter, the more specific the search becomes.)
   - Although your current Contacts list is displayed in alphabetical order, any recent numbers matching the criteria are displayed.
2. To dial the number, press .

Plus (+) Code Dialing

When placing international calls, you can use Plus Code Dialing to automatically enter the international access code for your location (for example, 011 for international calls made from the United States). This key can also be assigned, not only an International prefix such as 011, but also a Country code and City code. See “Assigning an International Country Code” on page 53.

1. Press and hold 0+ until a “+” is displayed on your device’s display screen.
2. Dial the country code and phone number you’re calling, and press . (The access code for international dialing will automatically be dialed, followed by the country code and phone number.)

Dialing From the Contacts List

1. Press *Contacts* (right softkey) to list the entries.
2. Use the thumbwheel to scroll through the list of available contacts and select the entry you want to call.
3. Press to dial the entry's default phone number.

   – or –

   To dial another number assigned to the contact entry, select the name and press , and then select a number and press .

Using Speed Dialing

You can store up to 89 numbers in your device's speed dial memory to make contacting friends and family as easy as pressing a button or two. With this feature, you can dial speed dial entries using one keypress for locations 2–9 or two keypresses for locations 11–99.

Note *You can store a total of 89 numbers into speed dial locations. Numbers 0, 1, and all digits ending in 0 (10, 20, 30, etc.) are reserved and cannot be overwritten. Speed dial 1 is reserved for quick access to Voicemail.*

To use One-Touch Dialing for speed dial locations 2–9:

- Press and hold the appropriate key for approximately two seconds.
  - If a number has been assigned to the current number, the display confirms that the number has been dialed when it shows "Calling...".
  - If an application has been assigned to the number, the corresponding application will launch. Assigning an Application to a Speed Dial Location.

To use Two-Touch Dialing for speed dial locations 11–99:

1. Press the first digit.
2. Press and hold the second digit for approximately two seconds. The display confirms that the number has been dialed when it shows "Calling...".

Note	*Speed dialing is not available when you are roaming; when you are roaming off the Sprint National Network, you must always dial using eleven digits (1 + area code + number).*

To manage all of your speed dial entries, press ***Start*** > ***All Programs*** > ***Accessories*** > ***Speed Dial***.

- See “Using Speed Dial” on page 61.

Entering Text

Selecting Characters

Your device provides convenient ways to enter words, letters, punctuation, and numbers whenever you are prompted to enter text (for example, when adding a Contacts entry or when using Microsoft® Outlook® and SMS Text Messaging).

The built-in keypad supports quick and easy text input, just as you would when using a computer’s keyboard.

1. When you display a screen where you can enter text, use the keypad to enter different character types:

Note	*The Fn key can also be used to quickly launch up to four user-defined features or applications. See “Customizing the Function Key” on page 60.*

	***Function:*** Allows you to use characters displayed at the top of the QWERTY keys. Examples: $, @, #, ?
	***CAPS/SHIFT:*** Converts the alphabetic character into uppercase. Changes the text input mode to Upper/Lower case mode.
	***Symbol:*** Launches the Symbols page from where you choose from an extensive list of symbols and other character sets.
	***Enter:*** Moves the insertion point to the next line in a message.
	***Delete Character:*** Deletes the previous character, similar to the backspace key on a computer keyboard.

2. Select one of the following character types:
   - *Letters* to enter the alphabetic characters associated with each key on the keypad. (See page 39.)
   - *Numbers* to enter numbers by pressing the numbers on the keypad. (See page 40.)
   - *Symbols* to enter symbols and "emoticons." (See page 40.)
   - *My Text* to enter preprogrammed messages. (See page 40.)

The keypad provides dual-use keys labeled with alphabetic characters on the lower half and numbers and symbols on the upper half. Press the key corresponding to the character you want to enter.

Entering Characters

Entering Uppercase and Lowercase Letters

1. Press  to make the next character uppercase. Characters revert back to lowercase after the next character is typed.

2. Press the corresponding text keys.
   - For example, to enter the word "Bill," type the keypad sequence below. If you make a mistake, press  to erase a single character.
   - Press and hold to erase an entire word.)



B i l l

   - To enter all uppercase characters, press  before each letter.



BILL

Entering Numbers

The keypad can be used to enter numbers, letters, and symbols. Although these keys default to text (letters), numbers can be input by using Fn in conjunction with the correct number key.

1. Press Fn to input the character on the top row of the next key pressed.
2. Press the corresponding keys. (For example, to enter “9:30,” you would use the keypad sequence below. If you make a mistake, press ⌫ to erase a single character. Press and hold ⌫ to erase an entire word.)



9:30

Entering Symbols and Preset Messages

Symbols can be entered from the keypad (using the Fn key) or from the Symbols page (accessed using the Sym key).

To enter symbols:

1. Position the cursor where you want the symbol to appear within your message.
2. Press Sym and use the navigation key to highlight a symbol. Press OK to insert the symbol into your message. There are multiple pages of available symbols.
   - Press ***Next*** (right softkey) to open the next page of symbols.
   - Press ***Previous*** (left softkey) to return to the previous page of symbols.

   – or –

1. Position the cursor where you want the symbol to appear within your message.

2. Press Fn and then press the key for the symbol you wish to insert.



Ted@

To enter preset messages:

1. Position the cursor where you want to insert the preset text into your message.
2. Press *Menu > My Text*.
3. Scroll to a preprogrammed message and press OK.

Note	*Preset messages (My Text) make composing text messages easier by allowing you to enter predefined text, such as "Meet me at," or a customized preset message of your own. (For more information on preset messages, please see "**Using Preset Messages**" on page 165.)*

Your Device's Settings

- *Sound Settings*
- *Display Settings*
- *Power Management*
- *Location Settings*
- *Call Options*
- *Messaging Settings*
- *TTY Use With Sprint Service*
- *Device Customization*
- *Using Speed Dial*

You can customize your device to sound, look, and operate just the way you want it to. This section describes how to change your device's settings to best suit your needs. Take a few moments to review these options and to adjust or add settings that are right for you.

Sound Settings

Ringer Types

Ringer types help you identify incoming calls and messages. You can assign ringer types to individual Contacts entries, types of calls, and types of messages. There are five main sound categories available:

- ***Ring Tone:*** assigns ring tones for incoming calls.
- ***Notification:*** assigns ring tones for categories such as new email, new text messages, new voice messages, and new instant messages.
- ***System Sound:*** assigns ring tones for system categories such as Exclamations, Questions, and Warnings.
- ***Keypad Tone:*** assigns a tone for use with keypad presses.
- ***Call Alert:*** assigns ring tones for call-specific activities such as minute warning, connection, and signal fade.
- ***R2VS:*** assigns a simulated audio effect to the sound being routed through a connected headset.

Selecting Ringer Types for Voice Calls

Your device provides a variety of ringer options that allow you to customize your ring and volume settings. These options allow you to identify incoming calls by the ring.

1. Press *Start* > *All Programs* > *Settings* > *Sounds* > *Ring Tone*.
2. Use your navigation key to scroll through the available ringers. A sample ringer will sound as you highlight each option.
3. Press *Done* (left softkey) to assign a ringer.

Selecting Ringer Types for Message Notifications

1. Press *Start* > *All Programs* > *Settings* > *Sounds* > *Notification*.
2. Select *New e-mail*, *New text message*, *New voice message*, or *New instant message*.
3. Use your navigation key to scroll through the available ringers. A sample ringer will sound as you highlight each option.
4. Press *Done* (left softkey) to assign a ringer.

Selecting Ringer Types for System Sounds

1. Press *Start* > *All Programs* > *Settings* > *Sounds* > *System Sound*.
2. Select *Exclamation*, *Question*, or *Warnings*.
3. Use your navigation key to scroll through the available ringers. A sample ringer will sound as you highlight each option.
4. Press *Done* (left softkey) to assign a ringer.

Adding a Music File to Your Ring Tones

You can also add your own supported music file to the *Ring Tone* list by using ActiveSync® to copy your file to the device's Sounds folder. See "Creating a Custom Ring Tone" on page 151.

Selecting a Keypad Tone

Your device offers a number of options for selecting the audible tones accompanying a keypress.

1. Press *Start* > *All Programs* > *Settings* > *Sounds* > *Keypad Tone*.

2. Use your navigation key to scroll through the available tones (default is *Click*). A sample tone will sound as you highlight each option.
3. Press *Done* (left softkey) to assign a tone.

Call Alert Notification

Your device can alert you with an audible tone when you change service areas, once a minute during a voice call, or when a call has been connected.

1. Press *Start* > *All Programs* > *Settings* > *Sounds* > *Call Alert*.
2. Select *Minute beep*, *Connect tone*, or *Signal fade tone*.
3. Select *On* or *Off* for each category and press *Done* (left softkey).

Selecting an R2VS Setting

R2VS™ significantly enhances the quality of mono and stereo audio by simulating stereo sound through a connected headset, thereby creating improved dynamics and bass performance. R2VS provides panoramic three-dimensional audio that extends the sound beyond the speakers or headphones themselves. These enriching effects are especially noticeable on digitally compressed audio formats such as MP3 and WMA.

To utilize this feature, your device needs to be connected to a headset via the Power/Accessory Interface Connector.

1. Press *Start* > *All Programs* > *Settings* > *Sounds* > *R2VS*.
2. Use your navigation key to scroll through the available stereo settings.
   - Choose *None* (Mono), *3D Sound*, or *M-Theater*.
3. Press *Done* (left softkey) to assign a setting.

Assigning Sound Profiles

Using profiles, you can adjust and customize device tones for different events or environments and then apply the settings as a group. The currently selected profile is displayed in the upper-right section of the Home screen.

1. Press *Start* > *All Programs* > *Settings* > *Profiles*.
2. Select *Normal*, *Silent*, *Vibrate*, *Outdoor*, or *Automatic* and press *Done* (left softkey).

Tip *You can quickly change the profile by briefly pressing and then releasing the key. Select the profile you want from the Quick List and press .*
You can quickly activate or deactivate the Silent profile by pressing and holding from the Home screen.

Customizing Sound Profiles

1. Press *Start* > *All Programs* > *Settings* > *Profiles*.
2. Select the desired profile you want and press *Menu* > *Edit*.
3. Use the navigation key ( ) to change the settings in each field. Available options may differ depending on the selected profile.
4. When you have finished, press ***Done*** (left softkey).

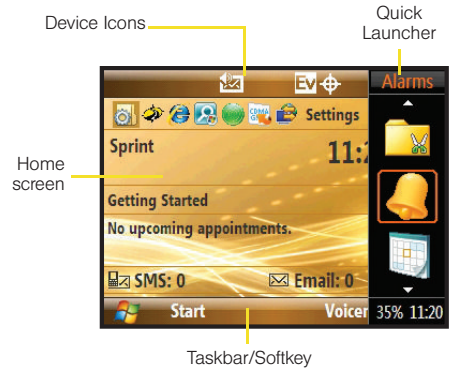
Resetting a Sound Profile to Factory Default

1. Press *Start* > *All Programs* > *Settings* > *Profiles*.
2. Select the desired profile you want to revert and press *Menu* > *Reset to default*.
3. Press ***Done*** (left softkey) complete the update.

Display Settings

Configuring the Home Screen

The Home screen is displayed on your device while in standby mode. From here, you can view important information for the day or messages at a glance. You can also quickly switch to programs you've recently accessed.



The standby mode displays the Home screen from where you can:

- Access your Contacts List
- Review upcoming appointments
- Access unread SMS (text messages), email, and voicemail messages.
- Launch the most recently accessed programs or change the sound profile option (top of screen)
- Access the Quick Launcher using the thumbwheel to provide access to some common features such as the Task Manager, Alarms, Calendar, and Edit menu.

The Home screen can be quickly accessed from any menu or screen by pressing  . See “Viewing the Display Screen” on page 17.

- Update the Home screen settings by pressing *Start* > *All Programs* > *Settings* > *Display* > *Home Screen*. The following Home screen settings are available:
  - ***Home screen layout:*** Select the layout to be used for the Home screen.
  - ***Color scheme:*** Select the color scheme to be used for the Home screen.
  - ***Background image:*** Select an image to use as a background image on the Home screen.
  - ***Time out:*** Specify the length of time the device waits before returning the display to the Home screen if the device is not used.

Setting the Home Screen Properties

Customize your Home screen’s display appearance by selecting a new appearance and layout.

1. Press *Start* > *All Programs* > *Settings* > *Display* > *Home Screen* > *Home screen layout*.
2. Use the navigation key to select an option.
3. Press *Done* (left softkey) to store the new selection and return to the Home Screen.

Displaying the Recent Programs Screen

The Recent Programs screen displays up to eight of the most recently accessed applications. These applications are also displayed as a row of icons at the top of the Home screen.

1. Press *Start* > *All Programs* > *Settings* > *Display* > *Home Screen*.

2. Use the navigation key to highlight the "Show Recent Programs" field and press [ ] to select the check box.
   - Removing the check mark turns off the Recent Programs screen.
   - When this box is checked, you will see a Recent Programs screen after pressing *Start*.
     - In order to continue to your menu applications from the Home page, you would need to press *All Programs* (left softkey) to access the full Start menu. (See "Selecting Menu Items from the Main Menu" on page 28 for more details.)

Note	*The procedures in this guide are described with this feature turned on (active).*

Changing the Color Scheme

Customize your device's display appearance by selecting a color scheme to reflect your personality.

1. Press *Start* > *All Programs* > *Settings* > *Display* > *Home Screen* > *Color scheme*.
2. Use the navigation key to select an option.
3. Press *Done* (left softkey) to assign the color scheme and return to the previous screen.

Changing the Display Screen Wallpaper

Choose what you see on the display screen while in standby mode. This selected image is displayed as the Home screen background image. The image can be chosen from either the default set or from a My Pictures folder.

1. Press *Start* > *All Programs* > *Settings* > *Display* > *Home Screen* > *Background image*.

Note	*If you delete the default display image, the Home screen layout may not work properly.*

2. Use the navigation key to select an image. The list is sequential and includes a listing of any stored images (both on the device and within the optional memory card).
3. Press *Done* (left softkey) to assign the image and return to the previous screen.

Setting the Time-out Properties

Choose the time delay before the Home screen turns off.

1. From standby mode, press *Start* > *All Programs* > *Settings* > *Display* > *Home Screen* > *Time out*.
2. Use the navigation key to select an option.
3. Press *Done* (left softkey) to assign the time-out value and return to the previous screen.

Selecting the Start Menu Style

The Home screen provides access to the start menu using the Windows taskbar's *Start* button.

1. From standby mode, press *Start* > *All Programs* > *Settings* > *Display* > *Start Menu Style*.
2. Select *Grid* or *List* and press *Done* (left softkey).

Important	*If your device is set to Grid view (default setting), you can scroll through All Programs simply by pressing the navigation key down. However, in List view, you may need to press* More *(left softkey) one or more times to find a particular program.*



Grid style

List style

Power Management

You can conserve battery power by adjusting the time out settings for the display, keypad, display backlight or adjusting the display brightness.

Another new feature is the use of the Task Manager that allows to more effectively manage battery life by determining memory and processor usage by manually turning off any unused applications. This section also provides you with an additional indication of your current main battery charge level.

Reviewing the Battery Charge Level

- From the standby mode, press *Start* > *All Programs* > *Settings* > *Power Management*.

Changing the Backlight Time-Out

Select the length of time the display backlight stays on when you do not use the device.

1. From the standby mode, press *Start* > *All Programs* > *Settings* > *Power Management* > *Backlight time out*.
   - Choose *Never*, *5 seconds*, *10 seconds*, *15 seconds*, *30 seconds*, or *60 seconds*.
2. Press the navigation key left or right to select a new time out setting and press *Done* (left softkey).

Note	*Long backlight time-out settings reduce the battery's talk and standby times.*

Changing the Display Time-Out

Select the length of time the display stays on while on either a direct connection to a power supply or when functioning off battery power.

1. From the standby mode, press *Start* > *All Programs* > *Settings* > *Power Management* > *Display time out on AC* or *Display time out on Battery*.
   - During standby, the device goes into sleep mode after a specified period of time to conserve power. Choose *Never*, *10 seconds*, *15 seconds*, *30 seconds*, *1 minute*, *2 minutes*, *5 minutes*, or *10 minutes*.
2. Press the navigation key left or right to select a new time-out setting and press *Done* (left softkey).

Changing the Brightness

Adjust your screen's brightness to suit your surroundings.

1. From the standby mode, press *Start* > *All Programs* > *Settings* > *Power Management* > *Display brightness*.
   - Adjust the brightness level for the display. Choose *Level 1 - Level 5*.
2. Press the navigation key left or right to select a new level setting and press *Done* (left softkey).

Changing the Keypad Backlight Time-Out

Select the length of time the keypad backlight stays on when you do not use the keys.

1. From the standby mode, press *Start* > *All Programs* > *All Programs* > *Settings* > *Power Management* > *Keypad backlight time out*.
   - Choose *1 second*, *2 seconds*, *3 seconds*, *4 seconds*, *5 seconds*, or *10 seconds*.
2. Press the navigation key left or right to select a new time-out setting and press *Done* (left softkey).

Restricting the Keypad Backlight Time-Out

By default, the keypad backlight time-out is enabled all the time. With this setting you can restrict the time of day that the keypad backlight time-out will be enabled. For example, if you were planning a day at the beach (when you would not need the keypad backlight), you could disable the backlight time-out for that period.

1. From the standby mode, press *Start* > *All Programs* > *Settings* > *Power Management* > *Keypad backlight on*.
2. Choose *Any time* (default) or *Custom time*. If you wish to set a custom time, enter new start and end times using the 24-hour time format (0000 - 2400), and press *Done* (left softkey). The backlight will be enabled only during the start and end time that you have set.

Using the Task Manager

Free up memory by closing applications that you are not using.

1. Press and hold .

   – or –

   Press to access the Quick List, select ***Task Manager***, and press .
2. Use the navigation key to highlight an application from the list. (The Task Manager screen lists the amount of memory in MBs and processor usage as a percentage.)
3. Press ***End Task*** (left softkey) to end the application. (This frees up both the available memory and processing capability.)

Note	*The more applications running on your device, the faster your battery power is depleted.*

Location Settings

Your device is equipped with a Location feature for use in connection with location-based services.

The Location feature allows the network to detect your position. Turning Location off will hide your location from everyone except 911.

Note	*Turning Location on will allow the network to detect your position using GPS technology, making some Sprint applications and services easier to use. Turning Location off will disable the GPS location function for all purposes except 911, but will not hide your general location based on the cell site serving your call. No application or service may use your location without your request or permission. GPS-enhanced 911 is not available in all areas.*

To enable your device's Location feature:

1. From the standby screen, press ***Start*** > ***All Programs*** > ***Settings*** > ***More...*** > ***More...*** > ***Other Settings*** > ***Location***. (The Location disclaimer will be displayed.)
2. Read the disclaimer and press ***OK*** (left softkey).

3. Select ***Location on*** or ***911 calls only*** and press ***Done*** (left softkey).

When the Location feature is on, your device's standby screen will display the ⊕ icon. When Location is set to 911 calls only, the ⊕ icon will be displayed. In this instance, the location feature is only enabled while in a 911 call so that emergency personnel can locate you during an emergency.

Call Options

You can customize settings related to call functions. Although your current phone number is displayed, it cannot be changed in this menu. Call options allow you to change the following settings:

- ***Auto answer*** to set how quickly incoming calls are automatically answered by the optional hands-free car kit or earphone.
- ***Any key answer*** to set up how you answer incoming calls.
- ***Voice mail number*** to set up the call-in number for your assigned voicemail server.

Note	*The voicemail number is automatically set when you receive your device. You should not need to change it unless otherwise instructed by Sprint.*

- ***International code*** to set up a standard international long distance prefix.

To access the Call Options menu:

- From the standby screen, press ***Start*** > ***All Programs*** > ***Settings*** > ***Phone*** > ***Call Options***.

Setting Any Key Answer

Select how to answer incoming calls on your device: whether you want to be required to press either  or any number key.

When this option is enabled, you can answer incoming calls by pressing any key, except for the following:   .

To enable Any key answer:

1. From the standby screen, press *Start* > *All Programs* > *Settings* > *Phone* > *Call Options*.
2. Use the navigation key to highlight the "Any key answer" field and press [ ] to select the check box.

Auto Answer Mode

You may set your device to automatically pick up incoming calls when connected to an optional hands-free car kit or headset.

To enable or disable auto-answer mode:

1. From the standby screen, press *Start* > *All Programs* > *Settings* > *Phone* > *Call Options* > *Auto Answer*.
   - Choose *Never*, *2 seconds*, *4 seconds*, *6 seconds*, *8 seconds* or *10 seconds*.
   - Assigning a time causes all calls to be automatically answered when the device is connected to a hands-free car kit or a headset (sold separately).
2. Press the navigation key left or right to select a new time setting and press *Done* (left softkey).

Reviewing Your Voicemail Number

During the initial system setup, the device automatically detected and set your voicemail number. If this field is blank, you can manually enter the number obtained from Sprint Customer Service.

Note	*Although this field is editable, it is not recommended that this number be altered.*

Assigning an International Country Code

You can enter a frequently used country code that will be entered when plus code dialing is used. The Plus Code Dialing Key ([0+]) automatically dials the international access code for the country in which you are located.

This field allows you to prepend multiple dialing codes to a number. This can be useful for long distance dialing where the international prefix, country code, and city code are already stored on the device.

To enable the International Country Code:

1. From the standby screen, press ***Start*** > ***All Programs*** > ***Settings*** > ***Phone*** > ***Call Options*** > ***International code***.
2. Use the keypad to enter an international country code and press ***Done*** (left softkey).
   - When using Plus Code Dialing, the international code defaults to the code for the country you are currently in, but when a value is entered in this field, all international calls begin with this new value. This new value supersedes the default International code.
   - As an example, if this field contained: 01159399, then whenever you pressed 0+, these numbers would appear onscreen and then you would simply key in the local phone number.
3. Press ***Done*** (left softkey).

Messaging Settings

Staying connected to your friends and family has never been easier. With your device's advanced messaging capabilities, you can send and receive many different kinds of text messages without placing a voice call. (For more information, see "Using SMS Text Messaging" on page 160.)

Messaging settings make text messaging easier by letting you decide how you would like to be notified of new messages, create a signature with each sent message, and create your own preset messages.

Accessing SMS Message Settings

1. From the standby screen, press ***Start*** > ***All Programs*** > ***Messaging***.
2. Use your navigation key to select ***Text Messages*** and press ***Select*** (left softkey) to launch the Text Messages menu.
3. Press ***Menu*** > ***Tools*** > ***Options***.

Configuring Message Display Settings

1. From the standby screen, press *Start* > *All Programs* > *Messaging* > *Text Messages*.
2. Press *Menu* > *Tools* > *Options* > *Display*.
3. Use your navigation key to make the appropriate selections.
   - *Show date and time in the message list* places additional date and time information into the message display.
   - *Sort messages by* provides different sorting criteria for those messages currently in the message list:
     - Choose from either: *Date received*, *Subject*, *Sender* or *Message type*.
     - Choose from either: *Descending* or *Ascending*.
   - *After deleting or moving a message* lets you set one of the following options: Show next message, Show previous message, or Return to message list.
4. Press *Done* (left softkey) to update these display settings.

Setting Message Sending Options

1. From the standby screen, press *Start* > *All Programs* > *Messaging* > *Text Messages*.
2. Press *Menu* > *Tools* > *Options* > *Sending*.
3. Use the navigation key to highlight a field:
   - *Include copy of original message when replying to e-mail*
   - *Save copies of sent items* places a copy into the Sent folder.
4. Press *Done* (left softkey) to check the box.

Tip	*To access the Messaging Settings menu, you can also press* Start > All Programs > Messaging > Menu > Settings.

Adding a Customized Signature

Add a customized signature to each message you send.

1. From the standby screen, press *Start* > *All Programs* > *Messaging* > *Text Messages*.
2. Press *Menu* > *Tools* > *Options* > *Signatures*.

3. Select either *Text Messages* or *Outlook E-mail* to assign which message category will use the configured signature.
4. Highlight the "Use signature with this account" field and press [ ] to check the box. (If you do not wish to attach a signature to your outgoing messages, do not check the "Use signature with this account" field.)
5. Highlight the "Include when replying and forwarding" field and press [ ] to check the box. (This adds the signature to your outgoing messages.)
6. Enter a signature and press *Done* (left softkey). (See "Entering Text" on page 38.)

Using Preset Messages

Preset messages make sending text messages to your friends, family, and co-workers easier than ever. *My Text* messages lets you quickly insert commonly used phrases into the body of a new message or a reply to a message.

To add a preset message to a text message:

1. While the message is open, position the cursor to where you would like the preset message to go.
2. Press *Menu* (right softkey) >*My Text*.
3. Highlight a message to insert, and press *Insert* (left softkey).

To edit a preset message:

- Select an existing preset message and press *Menu* >*Edit My Text* and use the keypad to edit or replace the message and press [ ]. (See "Entering Text" on page 38.)

To delete a preset message:

1. Select a preset message and press *Menu* (right softkey) >*Edit My Text*. (The entire message is highlighted.)
2. Press and hold [⌫] to delete the message.
3. Press *Done* (left softkey) to complete the deletion.

   – or –

   Press *Cancel* (right softkey) to cancel the deletion.

Updating Account Settings

You can request that a notification message be sent back to your device when a message has been successfully delivered and also that your callback number will be attached to the message.

1. From the standby screen, press *Start* > *All Programs* > *Messaging* > *Text Messages*.
2. Press *Menu* > *Tools* > *Options* > *Account Settings*.
3. Use the navigation key to highlight a field and then press ◯ to check the box.
   - *Request delivery notifications* launches an onscreen pop-up message to notify you if the last outgoing message was successfully delivered.
   - *Always send callback number* provides additional information to the outgoing message by attaching the number used in the Callback number field.
4. Select the Callback number field, and if desired, use the keypad to enter a new callback number. Press and hold ⌫ to delete the previous numbers.
5. Press *Done* (left softkey).

Deleting Old Messages

Delete individual messages you have read whenever you like, or delete all old messages.

To delete read messages:

1. From the standby screen, press *Start* > *All Programs* > *Messaging* > *Text Messages*.
2. Select a message from the list and press *Delete* (left softkey).
3. When prompted to confirm the deletion, press *Yes* (left softkey).

To empty previously deleted messages:

1. From the standby screen, press *Start* > *All Programs* > *Messaging* > *Text Messages*.
2. Press *Menu* > *Tools* > *Empty Deleted Items*.
3. When prompted to confirm the deletion, press *Yes* (left softkey).

TTY Use With Sprint Service

A TTY (teletypewriter, also known as a TDD or Text Telephone) is a telecommunications device that allows people who are deaf, hard of hearing, or who have speech or language disabilities, to communicate by telephone.

Your device is compatible with select TTY devices. Please check with the manufacturer of your TTY device to ensure that it supports digital wireless transmission. Your device and TTY device will connect via a special cable that plugs into your device's headset jack.

If this cable was not provided with your TTY device, contact your TTY device manufacturer to purchase the connector cable.

When establishing your Sprint service, please call Sprint Customer Service via the state Telecommunications Relay Service (TRS) by first dialing 7 X 1 E 1 E . Then provide the state TRS with this number: *866-727-4889*.

To turn TTY Mode on or off:

1. From the standby screen, press *Start* > *All Programs* > *Settings* > *More...* > *More...* > *Other Settings* > *TTY*.
2. Read the onscreen alert message and press *OK* (left softkey).
3. Press the navigation key left or right to select a setting and press *Done* ( ).
   - Choose from *TTY + Hear (HCO)*, *TTY FULL*, *TTY + Talk (VCO)*, or *TTY OFF*.

Note	*In TTY Mode, the device's standby screen will display the TTY icon. If TTY mode is enabled, the audio quality of non-TTY devices connected to the headset jack may be impaired.*

WARNING	911 Emergency Calling *Sprint recommends that TTY users make emergency calls by other means, including Telecommunications Relay Services (TRS), analog cellular, and landline communications. Wireless TTY calls to 911 may be corrupted when received by public safety answering points (PSAPs), rendering some communications unintelligible. The problem encountered appears related to TTY equipment or software used by PSAPs. This matter has been brought to the attention of the FCC, and the wireless industry and the PSAP community are currently working to resolve this.*

Device Customization

Customizing the Side Back-Clear Key Settings

You can change the program assigned to the side Back-Clear key ( ) when it is pressed and held.



1. Press ***Start*** > ***All Programs*** > ***Settings*** > ***More...*** > ***More...*** > ***Key Settings*** > ***Side Key Settings***.
   - Pressing and releasing either clears an entry or takes you back to a previously active menu.
   - By default, pressing and holding launches the camera mode.
2. Use your navigation key to assign a new application and press ***Done*** (left softkey).

Customizing the Message Key

You can change the Message application assigned when you press and release or press and hold the Messaging key ( ). By default:

- Pressing and releasing (“short press”) lets you access the Text Message Inbox.
- Pressing and holding (“long press”) activates the Text Message Composer (for new messages).

1. Press *Start* > *All Programs* > *Settings* > *More...* > *More...* > *Key Settings* > *Message Key Settings*.
2. Use your navigation key to assign either *Text Messages Inbox* or *Outlook Email Inbox* in the ‘(Short press)’ field.
3. Use your navigation key to assign either *Text Messages Composer* or *Outlook Email Composer* in the ‘(Long press)’ field.
4. Press *Done* (left softkey) to store these settings and return to the previous menu.

Customizing the Function Key

While in the Home screen, pressing and holding the Fn key in conjunction with other specified keys can launch predefined applications or activate specific functions.

To show the list of customizable application hot keys:

1. Press *Start* > *All Programs* > *Settings* > *More...* > *More...* > *Key Settings* > *Fn Key Settings*.
2. Press *Show List* to both display a list of *four* predefined application buttons and their currently associated application.
   - The *W* key is by default associated with the World Clock application.
   - The *B* key by default, will launch the Bluetooth Settings menu.
   - The *S* key is by default associated with Service Mode.
   - The *F* key by default, will launch the Fn Key Settings menu.

To use the Fn key:



1. From the Home screen, press and hold [7] for a few seconds to activate the onscreen Launch Application window. This pop-up indicates the current application assignments of the four available hot keys.
   - As an example, to quickly change the device's service mode from CDMA to GSM, press and hold [7], and then press [5] (in the default setting).

To change the hot keys:

1. Press *Start* > *All Programs* > *Settings* > *More...* > *More...* > *Key Settings* > *Fn Key Settings* > *Show List.*
2. Select one of the four buttons from the list and press [OK].
3. From the Select an Item screen, use your navigation key to choose an item and press [OK]. (This list is extensive and you should note that there are many available options.)
4. Press *Done* (left softkey) when you have finished assigning hot keys.

Using Speed Dial

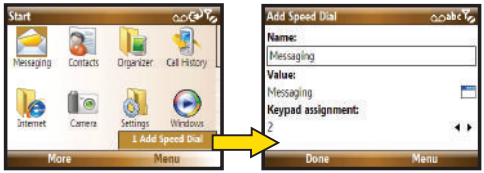
Assigning an Application to a Speed Dial Location

Start menu applications can be set to launch when activated by a speed dial keypress in the same way that phone numbers can be assigned to a speed dial key.

Tip	*You can also assign email addresses or Web pages to the number keys as speed dial entries.*

1. Press *Start* > *All Programs*.
2. Select a desired application from the Start menu screen (or from available submenus), but don't press [OK].

3. Press *Menu* (right softkey) > *Add Speed Dial*.



4. Use the keypad to assign a descriptive name within the Name field (or accept the default).
5. In the Keypad assignment field, select an available speed dial location for the application.

Note	*Keypad numbers 0, 1, and all digits ending in 0 (10, 20, 30, etc..) are reserved and cannot be overwritten. Speed dial 1 is reserved for quick access to Voicemail services.*

6. Press *Done* (left softkey) to finish assigning the speed dial.

To view the list of current Speed Dial assignments:

- Press *Start* > *All Programs* > *Accessories* > *Speed Dial*.
  - This list displays both phone numbers and applications that have been assigned a speed dial location (from 2 -99).

To delete a current Speed Dial assignment:

1. Press *Start* > *All Programs* > *Accessories* > *Speed Dial*.
2. Select a speed dial entry and press *Menu* (right softkey) > *Delete*.
3. Confirm the deletion by pressing *Yes* (left softkey) or cancel by pressing *No* (right softkey).

Configuring the Time and Date

The Date and Time settings enable you to either manually set the date, time, and time zone or to allow the device to automatically update the information over the Sprint network.

1. Press *Start* > *All Programs* > *Settings* > *More...* > *Date and Time*.
2. Select your time zone and set the current date and time.

3. Set the Time setting and Time zone setting fields to either *Manual* or *Auto*.
   - *Manual* requires the information to be updated by the user.
   - *Auto* obtains the time and date information from the network.
4. Press *Done* (left softkey) to complete the setup process.

Configuring the Regional Settings

This menu allows you to change the way some data is formatted and displayed on the device such as language, locale, date styles, and currency and time formats appropriate to your current location.

1. Press *Start* > *All Programs* > *Settings* > *More...* > *More...* > *Regional Settings*.
2. Select the fields for any categories you wish to change and then press the navigation key left or right to change settings.
3. Press *Done* (left softkey) to complete the setup process.

Note *If you changed a language or locale setting, after pressing* **Done** *you will need to turn the device off and then back on again for your changes to take effect.*

To change from English to Spanish:



1. Press *Start* > *All Programs* > *Settings* > *More...* > *More...* > *Regional Settings*.
2. In the 'Language' field, select *Español* and press *Done* (left softkey).
3. Press *OK* (left softkey) to acknowledge the change in the language.
4. Press and hold [0] for two seconds until you see the powering down animation on the display screen.
   - When the device restarts, Spanish menus will be displayed.

To change from Spanish to English:

- Repeat steps 1 – 4, this time selecting ***US English*** in the ‘Language’ field.

Your Device's Security

- *Accessing the Security Menu*
- *Using Your Device's Device Lock Feature*
- *Using Special Numbers*
- *Using Encryption*
- *Managing Certificates*
- *Resetting Your Device*
- *Security Features for Data Services*

By using the security settings on your device, you receive peace of mind without sacrificing flexibility. This section will familiarize you with your device's security settings. With several options available, you can customize your device to meet your personal needs.

Accessing the Security Menu

All of your device's security settings are available through the Security menu.

- Press *Start* > *All Programs* > *Settings* > *More...* > *Security*.

Using Your Device's Device Lock Feature

Locking Your Device with a Password

When your device is locked, you can only receive incoming calls or make calls to 911, Sprint Customer Service, or special numbers. (See "Using Special Numbers" on page 68.)

When you lock your device, it requires a password to return to normal operation. When a password is set up, the device can be locked immediately or configured to lock when the screen goes blank.

1. Press *Start* > *All Programs* > *Settings* > *More...* > *Security*.
2. Select *Device Lock* and press [ ].
3. Select "Prompt if device unused for" and press [ ]. (Enabling this option activates the remaining fields.)
4. Select each field and enter the required information:
   - *Time:* select the amount of unused time (idle) required before you are prompted for a password.
   - *Password type:* to choose from one of the following PIN types:
     - *Simple PIN:* must be at least four characters in length and cannot contain a simple sequence such as 000, 1111, or 1234.
     - *Strong alphanumeric:* must be at least seven characters in length and must contain at least one character from each of the following categories: uppercase/lowercase letters, numerals, symbols. Examples of strong alphanumeric passwords are *sb?8A!3* and *%$VH5hW*.
   - *Password:* use the keypad to enter the desired password.
   - *Confirm password:* use the keypad to re-enter the same password.
5. Press *Done* (left softkey) > *Yes* (left softkey) to store these settings.

Unlocking Your Device Using a Password

Once the preset time has expired, the display screen will dim and the taskbar *Start* option is replaced with *Unlock*.

1. From standby mode, press *Unlock*.
2. Enter your password using the keypad.
3. Press *Unlock*.

Changing the Device Lock Code

1. Press *Start* > *All Programs* > *Settings* > *More...* > *Security*.
2. Select *Device Lock* and press [ ].
3. Enter your password using the keypad.
4. Press *Unlock*.

5. Navigate to the Password field and then to the Confirm password field, pressing and holding in each field to delete the current password information.
6. Enter your new password within both fields and when prompted, re-enter your new lock code.
7. Press ***Done*** (left softkey) to store the new password.

Removing the Device Lock

1. Press ***Start*** > ***All Programs*** > ***Settings*** > ***More...*** > ***Security.***
2. Select ***Device Lock*** and press .

Tip	*If you can't recall your lock code, try using the last four digits of your wireless phone number. If this doesn't work, call Sprint Customer Service at* 1-888-211-4727.

3. Enter your password using the keypad.
4. Press ***Unlock.***
5. Select "Prompt if device unused for" and press . (This action removes the check mark from this option and disables the device lock feature.)
6. Press ***Done*** (left softkey) > ***Yes*** (left softkey) to store the new settings.

Manually Locking Your Device

This manual process temporarily locks the device without the need to enter a password.

You can still receive calls, but you cannot make calls or use the keypad.



1. Press to activate the Quick List menu. (This menu allows you to quickly turn the device off, access the Wireless Manager, lock the device, or activate sound profiles.)

2. Select *Lock* and press . (The display screen dims and the *Unlock* option now appears in the taskbar.)

   – or –

- Press and hold .

Manually Unlocking the Device

- Press *Unlock* (left softkey) and then immediately press . (This removes the manual lock and allows you to fully utilize the device and all its features.)

Calling in Lock Mode

You can place calls to 911 and to your special numbers when in lock mode.

- To call an emergency number, special number, or Sprint Customer Service, enter the phone number and press .

Using Special Numbers

Special numbers are important numbers that you have designated as being "always available." You can call and receive calls from special numbers even if your device is locked.

You can save up to three special numbers in addition to your Contacts entries (the same number may be in both directories).

To add or replace a special number:

1. Press *Start* > *All Programs* > *Settings* > *More...* > *Security*.
2. Select *Emergency Numbers* and press .
3. Select a location for your entry.
4. Enter the number and press *Done* (left softkey).
5. Read the Alert message and press *Yes* (left softkey) to activate a soft reset of your phone or *No* (right softkey) to cancel the operation.

Note	*There are no speed dial options associated with special numbers.*

Using Encryption

The encryption feature is used with files stored on the optional microSD™ card to make them readable only on your device.

To encrypt files stored on a microSD card:

1. Press *Start* > *All Programs* > *Settings* > *More...* > *Security*.
2. Select *Encryption* and press .
3. Press to enable the encryption option and then press *Done* (left softkey).

Managing Certificates

You can add and delete public key certificates. Three types of certificates can be created.

To access information about different certificate types:

1. Press *Start* > *All Programs* > *Settings* > *More...* > *Security*.
2. Select *Certificates* and press . From this screen, you can manage the following certificate types:
   - *Personal:* Used to identify yourself to others.
   - *Intermediate:* Used to identify intermediate certification authorities. (Intermediate certificates are issued by the trusted root certificate authority, and any SSL [secure sockets layer] certificates then issued by the intermediate certificate will inherit the trust of the trusted root.
   - *Root:* Used to identify root certification authorities. (A root certificate is the top-most certificate of the certificate tree. All certificates below the root certificate inherit the trustworthiness of the root certificate.)
3. Select the encryption option and press to see the certificate information.

To delete a certificate:

1. Press *Start* > *All Programs* > *Settings* > *More...* > *Security*.
2. Select *Certificates* and press .
3. Select any of the three available certificates and press to reveal a list of related certificates.

4. Select an entry from the list and press *Menu* > *Delete*.
   - After selecting *Delete*, the certificate is disabled by default.
5. Read the disclaimer and press *OK* (left softkey).

Resetting Your Device

Resetting the device restores all the factory defaults, including the ringer types and display settings. The Contacts list, call history, scheduler, and messaging are not affected.

1. Press *Start* > *All Programs* > *Settings* > *More...* > *Security*.
2. Select *Phone Reset* and press .
3. Enter the lock code and press *Done* (left softkey).
4. Read the disclaimer and press *OK* (left softkey).
   - The device will restart and all current data stored on the device will be deleted. This reset process does not affect the data stored on the microSD card.
   - After the device restarts, you may have to press *Next* (right softkey) and reconfigure basic settings such as the time and date (page 62) and the password (page 65).

Security Features for Data Services

Enabling and Disabling Data Services

You can disable data services without turning off your device; however, you will not have access to all data services, including Web and messaging. Disabling data services will avoid any charges associated with using those services. While signed out, you can still place or receive device calls, check voicemail, and use other voice services. You may enable data services again at any time.

Note	*If you are unable to make an outgoing due to a current data call in session (indicated by an "***Unable to Vision while a data call is in progress***" message), use the Wireless Manager to turn the phone off and on again, and then press* **Done** *(left softkey). This refreshes the phone and enables data services.*
	Without data services enabled, you will be unable to wirelessly sync your device to a remote email server (page 144).

To enable data services:

1. Press ***Start*** > ***All Programs*** > ***Accessories*** > ***Vision*** > ***Menu*** (right softkey).
2. Select ***Enable Vision*** and press [OK].
3. Read the disclaimer and press ***Yes*** (left softkey) to enable the service. (A message indicating the progress of the activation is displayed. The Status field then displays "Vision Enabled.")

To update your data services information:

1. Press ***Start*** > ***All Programs*** > ***Accessories*** > ***Vision*** > ***Menu*** (right softkey) > ***Update Profile***.
2. Read the confirmation screen and press ***Yes*** (left softkey) to enable the service and begin the update process using your remote vision information.

Roaming

- *Understanding Roaming*
- *Setting Your Device's Roam Mode*

Roaming is the ability to make or receive calls when you're off the Sprint National Network. Your new Samsung ACE™ works anywhere on the Sprint National Network and allows you to roam on other 1900 and 800 MHz digital networks where we've implemented roaming agreements with other carriers.

This section explains how roaming works as well as special features that let you manage your roaming experience.

Understanding Roaming

Recognizing the Roaming Icon on the Display Screen

Your device's Home screen always lets you know when you're off the Sprint National Network. Anytime you are roaming, the device displays the roaming icon (⋀) and extra charges may apply when making or receiving a call.

Tip	*Remember, when you are using your device off the Sprint National Network, always dial numbers using 11 digits (1 + area code + number).*

Roaming on Other Digital Networks

When you're roaming on digital networks, your call quality and security will be similar to the quality you receive when making calls on the Sprint National Network. However, you may not be able to access certain features, such as data services, depending on the available network.

Note	*If you're on a call when you leave the Sprint National Network, your call is dropped. If your call is dropped in an area where you think Sprint service is available, turn your device off and on again to reconnect to the network.*

Checking for Voicemail Messages While Roaming

When you are roaming off the Sprint National Network, you may not receive automatic on-device notification of new voicemail messages. Callers can still leave messages, but you will need to periodically check your voicemail for new messages if you are in a roaming service area for an extended period of time.

1. Dial 1 + area code + your phone number.
2. When you hear your voicemail greeting, press  .
3. Enter your passcode at the prompt and follow the voice prompts.

When you return to the Sprint National Network, voicemail notification will resume as normal.

Setting Your Device's Roam Mode

Your device allows you to control your roaming capabilities. Your device has a way of alerting you when you are roaming off the Sprint National Network: the onscreen roaming icon. By using the ***Roaming*** menu option, you can determine which signals your device accepts, and which network you will use.

Enabling the Roaming Option

Choose from three different settings on your device to control your roaming experience.

1. Press ***Start*** > ***All Programs*** > ***Settings*** > ***More...*** > ***Roaming***.
2. Use the navigation key to select an option in the 'Roaming option' field and press ***Done*** (left softkey).
   - ***Sprint Only*** to access the Nationwide Sprint PCS Network only and prevent roaming on other networks.

- *Roaming Only* to seek a roaming system only. The previous setting (Sprint Only or Automatic) is restored the next time the device is turned on.
- *Automatic* to seek service on the Sprint National Network. When Sprint service is unavailable, the device searches for an alternate system.

Enabling the Data Roam Guard

Depending on service availability and roaming agreements, your phone may be able to access data services while roaming on certain digital systems. You can set your phone to alert you when you are roaming off the Sprint National Network and try to use data services such as messaging.

Note	*Data Roam Guard is turned off by default on your device.*

To set your Data Roam Guard notification:

1. Press *Start* > *All Programs* > *Settings* > *More...* > *Roaming* > *Data roam guard*.
2. Use the navigation key to select *an option* in the 'Data roam guard' field and press *Done* (left softkey).
   - *Always Ask* sets your phone's Data Roam Guard feature on. You will see a prompt and will be required to respond anytime you access data services while roaming.
   - *Never Ask* turns your phone's Data Roam Guard feature off. You will not be notified of your roaming status when accessing data services.

To use data services when Data Roam Guard is active:

- When a pop-up notification appears informing you that data roam charges may apply, select *Roam* (left softkey) to connect.

Call History

- *Viewing History*
- *Call History Options*
- *Making a Call From the Call History*
- *Saving a Phone Number From Call History*
- *Deleting Call History Entries*

The Call History keeps track of incoming calls, outgoing calls, and missed calls. This section guides you through accessing and making the most of your Call History.

Viewing History

Call History is a list of recent phone numbers (or Contacts entries) for calls you placed, accepted, or missed. Call History makes redialing a number fast and easy.

It is continually updated as new numbers are added to the beginning of the list and the oldest entries are removed from the bottom of the list. When you view the numbers in this list, an icon to the left of the number indicates the call type:

	*Dialed:* Indicates all outgoing calls made from your device.
	*Received:* Indicates any received calls that were answered.
	*Missed:* Indicates any missed calls. These are routed to your voicemail.

Each entry contains the phone number (if it is available) and the Contacts entry name (if the phone number is in your Contacts).

Accessing Call History

1. Press *Start* > *All Programs* > *Call History*.
2. Use either the navigation key or thumbwheel to scroll through the available list.

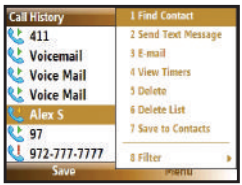
Tip	*The previous two steps can be shortened by pressing from the Home screen to display a list of recent calls.*

3. Highlight the number and press .

Note	*Call History records only those calls that occur while the device is turned on. If a call is received while your device is turned off, it will not be included in the device's Incoming or Missed call logs.* *If you return a call from the voicemail menu, it will not be included in your device's Outgoing call log.*

Call History Options

Select a Call History entry and press to display the date and time of the call, the phone number (if available), and the caller's name (if the number is already in your Contacts).



1. Access the Call History list.
2. Press ***Menu*** (right softkey) to display the following options:
   - ***Find Contact*** to find a contact entry matching the selected phone number.
   - ***Send Text Message*** to activate the Text Message Composer (for a new message).
   - ***E-mail*** to activate the Microsoft Outlook® Composer (for a new email message).
   - ***View Timers*** displays the recorded time for the following categories.
     - ***Last call:*** call length for last outgoing call.
     - ***All calls:*** length of all incoming and outgoing calls since the last reset of the timers (page 77).
     - ***Incoming calls:*** total time used for all incoming calls.
     - ***Outgoing calls:*** total time used for all outgoing calls.
     - ***Roaming calls:*** total time used for all roaming calls.

- *Data calls:* total time used for all data transmissions (calls).
- *Last reset:* shows most recent reset time.
- *Lifetime calls:* total combined time used for all of the above call types.

- *Delete* to delete the currently selected entry.
- *Delete List* to delete all Call History entries.
- *Save to Contacts* to save the number into your Contacts list if it is not already stored. (See "Saving a Phone Number From Call History" on page 88.)
- *Filter* to restrict the list of entries that appear.

Tip	*You can also view the next Call History entry by pressing the navigation key down or view the previous entry by pressing the navigation key up.*

Filtering Calls in Call History

1. Press *Start* > *All Programs* > *Call History* > *Menu* (right softkey) > *Filter*. (This option filters the list to display only those calls meeting your selected criteria.)
2. Select an option and press .
   - *No Filter:* all calls are displayed.
   - *Missed Calls:* only calls which were not answered are displayed.
   - *Incoming Calls:* only calls that were answered are displayed.
   - *Outgoing Calls:* only calls that were placed are displayed.

Resetting Timers from the Call History

1. Press *Start* > *All Programs* > *Call History* > *Menu* (right softkey) > *View Timers*.
2. Press *Menu* > *Reset Timers*.
3. Read the disclaimer and press *Yes* (left softkey).

Making a Call From the Call History

1. Press *Start* > *All Programs* > *Call History*.
2. Select an entry (number or Contacts name) and press .

Note	*You cannot make calls from Call History to entries identified as* No ID *or* Restricted.

Saving a Phone Number From Call History

The number of Contacts that can be stored on the device is determined by the storage capacity. Each Contacts entry can store up to a total of 10 phone numbers, and each entry's name can contain 255 characters.

1. Select a Call History entry and press *Save* (left softkey).
2. Select *<New Contact>* and press .
3. Use the keypad to type in the new entry's first and last name. The device's word prediction feature may try to identify the word being typed.
4. Select a Number type from one of the following categories (groups):
   - Mobile
   - Work
   - Home
   - Work 2
   - Home 2
   - Company
   - Pager
   - Car
   - Assistant
   - Radio

After you have saved the number, the new Contacts entry is displayed in the alphabetical listing. (See "Contacts Entry Options" on page 84.)

Note *You cannot save phone numbers already in your Contacts or from calls identified as* Unknown ID *or* Restricted.

Deleting Call History Entries

You can delete individual entries from Call History, or you can delete all entries.

Deleting individual entries in Call History:

1. Press *Start* > *All Programs* > *Call History*.
2. Select an entry and press *Menu* (right softkey) > *Delete*.
3. Read the disclaimer and if you are certain you want to permanently delete the entry, press *Yes* (left softkey).

   – or –

   Press *No* (right softkey) to return to the previous menu.

Deleting all entries in Call History:

1. Press *Start* > *All Programs* > *Call History*.
2. Press *Menu* (right softkey) > *Delete List*.
3. Read the disclaimer and if you are certain you want to permanently delete the list of entries, press *Yes* (left softkey).

   – or –

   Press *No* (right softkey) to return to the previous menu.

Contacts

- *Adding a New Contacts Entry*
- *Assigning Speed Dial Numbers*
- *Finding Contacts Entries*
- *Contacts Entry Options*
- *Adding a Phone Number to a Contacts Entry*
- *Editing a Contacts Entry's Phone Number*
- *Editing a Contacts Entry*
- *Deleting Contacts*
- *Beaming a Contacts Entry*
- *Selecting a Ringer Type for an Entry*
- *Dialing Sprint Services*

Your device's Contacts list helps you stay in touch with family, friends, and colleagues by keeping track of all their contact information. This section explains how to use your device's Contacts list.

Adding a New Contacts Entry

The number of Contacts entries that can be stored on the device is determined by the storage capacity of the device. Each Contacts entry can store up to a total of 10 phone numbers, and each entry's name can contain 255 characters.

1. Press *Start* > *All Programs* > *Contacts* > *New*.
2. Enter a name for the new entry. (See "Entering Text" on page 38.)
3. Enter the phone number(s) for the entry.
4. Press ***Done*** (left softkey) to store the new entry into the Contacts list.

After you have saved the number, the new Contacts entry is displayed. (See "Contacts Entry Options" on page 84.)

Tip ICE – In Case of Emergency

*To make it easier for emergency personnel to identify important contacts, you can list your local emergency contacts using the word "ICE" at the beginning of the entry's name within your device's Contacts list. For example, if your mother is your primary emergency contact, list her as "***ICE–Mom***" in your Contacts list. To list more than one emergency contact, use "ICE1–___," "ICE2–___," etc.*

Assigning Speed Dial Numbers

Your device can store up to 89 phone numbers in speed dial locations. (For details on how to make calls using speed dial numbers, see "Using Speed Dialing" on page 37.) You can assign speed dial numbers when you add a new Contacts entry, when you add a new phone number to an existing entry, or when you edit an existing number.

Note *Numbers 0, 1, and all digits ending in 0 (10, 20, 30, etc.) are reserved and cannot be overwritten. Speed dial 1 is reserved for quick access to Voicemail.*

To assign a speed dial number to a new phone number:

1. Add a phone number to a new or to an existing Contacts entry. (See "Adding a New Contacts Entry" on page 80 or "Adding a Phone Number to a Contacts Entry" on page 85.)
2. Select the new entry from the Contacts list and press OK. (This opens a details screen for the selected entry.)
3. Press ***Menu*** (right softkey) > ***Add to Speed Dial*** and press OK.
4. Edit the name using the keypad (if desired).
5. Select an available speed dial location (2 - 99) and press ***Done*** (left softkey) to complete the speed dial assignment. (A confirmation will be displayed.)

To assign a speed dial number to an existing phone number:

1. From the Home screen, press ***Contacts*** (right softkey).
2. Select an entry and press OK.

3. Select a number to assign to a speed dial location.
4. Press *Menu* (right softkey) > *Add to Speed Dial* and press .
5. Select an available speed dial location (2 - 99) and press *Done* (left softkey) to return to the details page. (A confirmation will be displayed.)
6. Press *Done* (left softkey) to return to the Contacts menu.

Note	*If you attempt to assign an already in-use speed dial location to a new phone number, a message will appear asking if you wish to replace the existing speed dial assignment. Press* Yes *(left softkey) to assign the location to the new phone number and delete the previous speed dial assignment.*

To review a list of previously assigned speed dial numbers:

- Press *Start* > *All Programs* > *Accessories* > *Speed Dial*.

Finding Contacts Entries

There are several ways to display your Contacts entries: by name, by speed dial number, by group, and by voice dial tags. Follow the steps outlined in the sections below to display entries from the Contacts menu.

Finding Contacts by Name

1. Press *Start* > *All Programs* > *Contacts*.

   – or –

   From the Home screen, press *Contacts* (right softkey).
2. Scroll through all the entries.

   – or –

   Enter the first letter of a name or part of a name (such as “Dav” for “Dave”). (The more letters you enter, the more your search narrows.)
3. To display the details for an entry, select it and press .

4. To dial the entry's default phone number, press .

   – or –

   To display additional Contacts entries, press the navigation key up or down.

Finding Speed Dial Numbers

1. Press *Start* > *All Programs* > *Accessories* > *Speed Dial*.
2. Scroll through speed dial entries. Speed dial numbers are displayed in numeric order.

   – or –

   Enter the number of a speed dial location using your numeric keypad.
3. To display the details of an entry, highlight it and press .
4. To dial the entry's default phone number, highlight the entry from the list and press .

Finding Entries by Category

To make the search process easier and quicker, Contacts entries can be assigned to any or all of these categories: Business, Holiday, Personal, and Seasonal.

1. Press *Start* > *All Programs* > *Contacts* > *Menu* > *Filter*.
2. Select one of the available category types from the pop-up menu and press to filter the current list of Contacts. (If your category does not appear in the list, select *More...* to display additional entries.)
   - *All Contacts* does not filter the Contacts list.
   - *Recent* displays only the most recently added contacts.
   - *No Categories* displays only entries that are not assigned to a category.
   - *Business* displays only entries that are assigned to the Business category.
   - *Holiday* displays only entries that are assigned to the Holiday category.
   - *Personal* displays only entries that are assigned to the Personal category.

- *Seasonal* displays only entries that are assigned to the Seasonal category.
- *More..* allows you to select multiple category types and display only those entries that match.

3. To display an entry within the category, select it and press .
4. To dial the entry's default phone number, press .

   – or –

   To dial another listed number:
   - Select the entry and press .
   - Select the phone number and press *Call* (left softkey).

Contacts Entry Options

To access a Contacts entry's options, display the entry and press *Menu*. Select an option and press .

- *Edit* to add to or change a Contacts entry. (See "Adding a New Contacts Entry" on page 80 or "Adding a Phone Number to a Contacts Entry" on page 85.)
- *Send Contact [Beam]* to send and receive information wirelessly between your device and one or more other Bluetooth-enabled devices.
- *Copy Contact* to create a duplicate of a Contacts entry.
- *Delete Contact* to permanently delete an entry.
- *Copy All* to transfer a copy of all current contacts to either the phone or to the SIM card, depending on the original storage location of the selected entry.
- *View By* to filter how entries are displayed (either by Name [alphabetical] or by Company [user-defined]).
- *Delete All* to permanently delete all Contacts entries from either the device or the SIM card.
- *Filter* to display only entries matching a selected filter category. See "Finding Entries by Category" page 83.

Tip	*You can view the next entry by pressing the navigation key right or view the previous entry by pressing the navigation key left.*

Adding a Phone Number to a Contacts Entry

1. Display a Contacts entry. (See “Finding Contacts Entries” on page 82.)
2. Press *Menu* > *Edit*.
3. Select a phone number field, use the keypad to enter the new number, and press *Done* (left softkey).

Editing a Contacts Entry’s Phone Number

1. Display a Contacts entry. (See “Finding Contacts Entries” on page 82.)
2. Press *Menu* > *Edit*.
3. Select a number to change, and use  to clear one digit at a time, or press and hold  to erase the entire number.
4. Re-enter or edit the number and press *Done* (left softkey).

Editing a Contacts Entry

1. Display a Contacts entry.
2. Press *Menu* > *Edit*.
3. Select the information you wish to edit (*Name*, *Group*, *Ringer*, etc.), and use  to clear one character at a time, or press and hold  to erase the entire entry.
4. Add or edit the information using the keypad and press *Done* (left softkey) to save the changes.

Deleting Contacts

You can quickly delete either individual entries or all entries from your Contacts list. Contacts can be deleted from either the device or from the SIM card.

To delete a single contact:

1. Press *Start* > *All Programs* > *Contacts*.
2. Select a contact from the list and press *Menu* > *Delete Contact*.
3. Read the disclaimer and press *Yes* (left softkey).

To delete all contacts:

1. Press *Start* > *All Programs* > *Contacts* > *Menu* > *Delete All*.
2. Select either *Phone* or *SIM* and press .
3. Read the disclaimer and press *Yes* (left softkey).

Beaming a Contacts Entry

You can send and receive information wirelessly between your phone and up to two Bluetooth-enabled devices. The following example shows how to transmit Contacts entry information to another phone.

1. Display a Contacts entry.
2. Press *Menu* > *Send Contact* > *Beam*. (The device will search for other Bluetooth-enabled devices in range.)
3. Select a Bluetooth device from the list and press *Beam*. (The recipient will then be given the option to agree to save the contact to their own device.)

Receiving a Beamed Contact:

When receiving a Contacts entry from another device, you will be prompted to accept the beamed information.

- Read the confirmation screen and press *Done* (left softkey).

Selecting a Ringer Type for an Entry

Assign a ringer type to a Contacts entry so you can identify the caller by the ringer type. (See “Ringer Types” on page 42.)

1. Display a Contacts entry.
2. Press *Menu* > *Edit*.
3. Scroll through available ringers in the Custom ring tone field. (When you highlight a ringer type, a sample ringer will sound.)
4. Select a ringer and press *Done* (left softkey) to save the new ringer type.

Dialing Sprint Services

To dial a service from standby mode using your keypad:

1. Dial the appropriate service number:
   - *Account Info.* – 4 D
   - *Customer Service* – 2 R
   - *Sprint 411* – 4 D 1 E 1 E
   - *Sprint Operator* – 0+
2. Press to place the call.

Section 2G

Calendar and Tools

- *Using Your Device's Calendar*
- *Using Your Device's Alarm Clock*
- *Using Your Device's Notepad*
- *Using Tasks*
- *Managing Voice Memos*
- *Using the Tip Calculator*
- *Using the Calculator*
- *Using the Smart Converter*
- *Using the Stopwatch*
- *Using the World Clock*
- *Using the File Viewer*

Your device is equipped with several personal information management features that help you manage your busy lifestyle.

This section shows you how to use these features to turn your device into a time management planner that helps you keep up with your contacts, schedules, and commitments.

Using Your Device's Calendar

Adding an Event to the Calendar

Your Calendar helps organize your time and reminds you of important events.

1. Press *Start* > *All Programs* > *Calendar*.
2. Press the left softkey to cycle between *Week*, *Month*, and *Agenda* (full-screen table calendar view).

Tip	*Press the navigation key up or down to scroll through the Calendar.*

3. Select the day to which you would like to add an event and press *Menu* (right softkey) > *New Appointment*.
4. Enter a title for the event in the Subject field using the keypad. (See "Entering Text" on page 38.)

5. Select a time and date for the event by selecting the corresponding fields, pressing  to delete any previous information, and using the keypad to enter new values.
   - To toggle between AM and PM, highlight it and press either *A* (for AM) or *P* (PM) on the keypad.
6. Press  to set as an *All day event*.
7. Use the keypad to enter a location for the event.
8. Select the number of Attendees for the event (default is *No attendees...*).
   - Select to add either a *Required Attendee* or an *Optional Attendee* and press  .
   - Press *Menu* > *New Contact*. (See "Adding a New Contacts Entry" on page 80.)
9. Select an alarm time for the event by highlighting the Reminder field.
   - Select *None*, *1 minute*, *5 minutes*, 1*0 minutes*, *15 minutes*, *30 minutes*, *1 hour*, *1 day*, or *1 week*.
10. Select a recurrence status for the event by highlighting the Occurs field.
    - Select *Once*, *Every [Day]*, *Day [Number] of every month*, or *Every [Month Number]*.
11. Select a status category for the event by highlighting the Status field.
    - Select *Busy*, *Out of Office*, *Free*, or *Tentative*.
12. Select a sensitivity for the event by highlighting the Sensitivity field.
    - Select *Normal*, *Personal*, *Private*, or *Confidential*.
13. From within the Notes field, press the navigation key right to access the Note dialog box and enter an optional note.
14. Press *Done* (left softkey) to save the event and return to the calendar page.

Event Alert Menu

When your device is turned on and you have an event alarm scheduled, your device alerts you and displays the event summary. There are several ways your device alerts you to scheduled events:

- By playing the assigned ringer type.
- By illuminating the backlight.
- By flashing the LED.

To silence the alarm and reset the schedule, press .

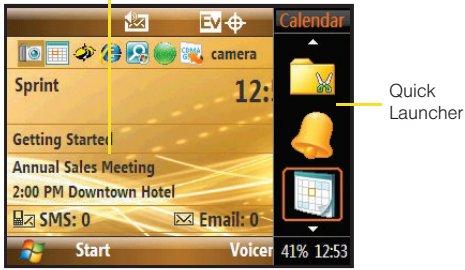
To view additional options, press the appropriate softkey:

- *Dismiss* acts to dismiss the event.
- *Menu* silences the alarm and schedules it to replay again at a select interval:
  - Remind 5 mins before
  - Snooze 5 minutes
  - Snooze 10 minutes
  - Snooze 15 minutes
  - Snooze 1 hour
  - Snooze 1 day
  - Dismiss All
  - View Item

Reviewing Calendar Events

You can quickly access any calendar entries by either selecting an upcoming event from the Home screen or by using the thumbwheel to open the Calendar via the Quick Launcher.

Home screen - Upcoming Appointments



To go to the Calendar menu for today's date:

- From the Home screen, use the thumbwheel or navigation key to scroll down to the Calendar Events section and press [ ].
  - ***Calendar Events:*** displays the next upcoming event and allows quick access to the Calendar screen.

  – or –

1. Press ***Start*** > ***All Programs*** > ***Calendar*** > ***Menu*** (right softkey) > ***Go to Today.***
2. Select the event you would like to view and press [ ]. (If you have multiple events scheduled for the selected day, they will be listed in chronological order.)

To review all Calendar events:

1. Press and hold the thumbwheel for at least three seconds to activate the Quick Launcher (displayed on the right side of the Home screen.)
2. Scroll to the Calendar icon and press [ ] to launch the event viewer.
3. Press ***Menu*** > ***Month View.***

Tip	*In the Agenda view, days with events scheduled are shown with a triangular icon at the corner.*

Deleting an Event

1. Press ***Start*** > ***All Programs*** > ***Calendar.***
2. Select the event you would like to erase and press ***Menu*** (right softkey) > ***Delete Appointment.***

Note	*If the day for which you are deleting events contains a recurring event, you will see this prompt: "Do you want to delete all occurrences of the recurring appointment or only this one?" Select* **All** *(left softkey) to delete all occurrences of the event or* **One** *(right softkey) to delete the event for the selected day only.*

Deleting Recurring Events

1. Press ***Start*** > ***All Programs*** > ***Calendar.***
2. Select the event you would like to delete and press ***Menu*** (right softkey) > ***Delete Appointment.***

3. Read the deletion confirmation screen and press *All* (left softkey) to delete all instances of the event or *One* (right softkey) to delete only this single instance.

Using Your Device's Alarm Clock

Your device comes with a built-in alarm clock that has multiple alarm capabilities.

Setting up a wake-up alarm:

1. Press *Start* > *All Programs* > *Organizer* > *Alarms* > *Wake-up alarm*.
2. Check the box to the left of the *Time* field by pressing . This will allow you to use the navigation key to scroll right to the Time field.
3. Highlight the *Time* field (7:00 by default) and then use the keypad to enter a new time for the wake-up alarm.
4. Use the to uncheck any days for which you do not want to hear the alarm.
   - Press *Menu* (right softkey) to choose from a list of day options.
   - Choose from *Select every day*, *Select Mon-Fri*, *Select Mon-Sat*, *Select Sat-Sun*, *Select Sun-Thu*, or *Deselect all*.
   - Make your selection and press .
5. Select a ringer tone for the alarm by selecting the *Tone* field and pressing the navigation key left or right to scroll through the tones. If you pause on a tone, a sample will play.
6. Select a snooze setting by selecting the *Snooze* field and using the navigation key to select *Off*, *1 min*, *3 min*, *5 min*, *7 min* or *10 min*.
7. When you have finished setting the alarm, press *Done* (left softkey).

Setting a custom alarm:

1. Press *Start* > *All Programs* > *Organizer* > *Alarms*.
2. Select *Alarm 1* - *Alarm 9*.
3. Use the keypad to enter an optional label for the alarm in the *Name* field.

4. Turn the alarm on or off by selecting the ***Alarm activation*** field and using the navigation key to adjust the selection.
   - Select ***On*** or ***Off***.
5. Select a time for the alarm by selecting the ***Alarm time*** field and using the navigation key to adjust the selection.
   - Using your keypad or navigation key, set the alarm time notification setting and time.
   - Select ***Manual setting*** in the Alarm time window to set an exact time for the alarm, or scroll to set the alarm to go off from 10 minutes to 2 hours from the current time.)
6. Select a ringer tone for the alarm by selecting the ***Tone*** field and selecting from an available alert tone.
   - To select a ringer menu, press the navigation key right or left to make your selection, after which a sample of the tone will sound.
7. Select a repeating status for the alarm by selecting the ***Repeat*** field and using the navigation key to adjust the selection.
   - Highlight ***Every day***, ***Except Sunday***, ***None***, or ***Except Saturday and Sunday***.
8. Select a snooze status for the alarm by selecting the ***Snooze*** field and using the navigation key to adjust the selection.
   - Highlight ***Off***, ***1 min***, ***3 min***, ***5 min***, ***7 min*** or ***10 min***.
9. When you have finished setting the alarm, press ***Done*** (left softkey).

Using Your Device's Notepad

Your device comes with a notepad that you can use to compose and store reminders and notes to help keep you organized.

To compose a note:

1. Press *Start* > *All Programs* > *Organizer* > *Notepad* > *New* (left softkey).
   - When there is more than one note already stored, press *Menu* (right softkey) > *New note* to create a new note.
2. Type your note using the keypad and press *Done* (left softkey). (See "Entering Text" on page 38.)

To read a saved note:

1. Press *Start* > *All Programs* > *Organizer* > *Notepad*.
2. Select a note and press .

To delete saved notes:

1. Press *Start* > *All Programs* > *Organizer* > *Notepad*.
2. Select a note and press *Menu* (right softkey) > *Delete* (or *Delete all*, to delete all saved notes).

To display sorted notes:

1. Press *Start* > *All Programs* > *Organizer* > *Notepad* > *Menu* (right softkey) > *Sort*.
2. Select a sort order (*ascending order* or *descending order*) and press .
3. Select a sort key and press .
   - *By name* sorts the notes based on the first few characters.
   - *By date* sorts the notes based on the creation date.
   - *By size* sorts the notes based on file size.

To send a note via text messaging (SMS):

1. Press *Start* > *All Programs* > *Organizer* > *Notepad*.
2. Select a note and press *Menu* (right softkey) > *Send via Email/Message*.
3. Select *Text Messages* and press .
4. Use the keypad to enter the recipient's phone number and press *Send* (left softkey). (For more information, see "Using SMS Text Messaging" on page 160.)

To send a note via email:

1. Press *Start* > *All Programs* > *Organizer* > *Notepad*.
2. Select a note and press *Menu* (right softkey) > *Send via Email/Message*.
   - A working email account must be set up on the device before you can send an email message. (For more information, please see the *Set Up Your Email* guide included with your device.)
3. Select an email provider (*Outlook E-mail*, *Gmail*, etc.) and press *Select*.
4. Use the keypad to enter the recipient's contact information and subject, and then press *Send*. (For more information, please see the *Set Up Your Email* guide included with your device.)

Using Tasks

Your device can keep track of your to-do list items (tasks).

To create a new task

1. Press *Start* > *All Programs* > *Organizer* > *Tasks* > *Menu* (right softkey) > *New Task*.
2. Enter the task using the keypad and press .
3. With the task still selected, press again, and then press *Edit* (left softkey).
4. Select the Priority field and press the navigation key to assign a priority to the task (*Normal*, *Low* or *High*).
5. Assign a *Start date* and *Due date* for the task by selecting the appropriate field and using the keypad to enter the new dates.
6. Use the navigation key in the Occurs field to designate how often the task comes up.
   - Highlight *Once*, *Every [Weekday]*, *Day [Number] of every month,* or *Every [Month/Day]*.

7. You can set a reminder to let you know of an upcoming task:
   - Select the Reminder field and press .
   - Enter a date the reminder should appear.
8. Select an optional category for the task: *Business*, *Holiday*, *Personal*, or *Seasonal*. (See "Filtering the Task List" on page 97.)
9. Select an optional sensitivity level for the task: *Normal*, *Personal*, *Private*, or *Confidential*.
10. Select the Notes field and press to attach an optional personalized note to this task. When you have completed the note text, press *Done* (left softkey). (For more information, see "Using Your Device's Notepad" on page 93.)
11. Press *Done* (left softkey) to complete the setup and addition of the new task to your task list.

All new tasks are saved to the task list. You can organize your tasks based on priority level, subject, start date, due date, status, or other related criteria.

Marking a Task as Complete

You can place a check mark beside a task to show that it has been completed.

1. Press *Start* > *All Programs* > *Organizer* > *Tasks*.
2. Select the task from the list and press *Complete* (left softkey).

Task Options

To display a task's options, select a task and press *Menu* (right softkey). Select an option and press .

- *New Task* to create a new task. (See "To create a new task" on page 95.)
- *Beam Task* to send and receive task information between your device and other Bluetooth-enabled devices.
- *Delete Task* to permanently delete the selected task.
- *Sort By* to organize how tasks are sorted within the list, using sort keys such as priority, start date, category, and sensitivity.

- *Filter* to display only those entries which match a selected sort key. (See “Filtering the Task List” on page 97.)
- *Options* to select other task settings.
  - *Set reminders for new items* automatically creates an alert when a new task is created.
  - *Show start and due dates* causes the start and due date for each task to be displayed in the task list.

Sorting and Filtering Tasks

Sorting the Task List

1. Press *Start* > *All Programs* > *Organizer* > *Tasks* > *Menu* (right softkey) > *Sort By*.
2. Select one of the available sort keys from the pop-up menu and press OK to organize the current list.
   - *Status* sorts tasks based on their status.
   - *Priority* sorts tasks based on their priority.
   - *Subject* sorts tasks alphabetically based on their subject title.
   - *Start Date* sorts tasks based on their beginning date.
   - *Due Date* sorts tasks based on their date due.

Filtering the Task List

1. Press *Start* > *All Programs* > *Organizer* > *Tasks* > *Menu* (right softkey) > *Filter*.
2. Press OK or press the navigation key right to open a pop-up menu.

Note	*Each task can be assigned to as many as four categories.*

3. Select a category type and press OK to filter the current list. (If your category does not appear in the list, select *More...* to display additional entries.)
   - *All Tasks* displays the complete task list.
   - *Recent* displays only the most recently added tasks.
   - *No Categories* displays only those tasks that currently have no category assignment.

- *Active Tasks* displays only those tasks that are currently active (not checked off as completed).
- *Completed Tasks* displays only those tasks that have been checked off as completed. (See "Marking a Task as Complete" on page 96.)

If there are additional categories such as, Business, Holiday, Personal, or Seasonal, these will also be listed as filter options.

Editing a Task

1. Press *Start* > *All Programs* > *Organizer* > *Tasks*.
2. Select a task and press .
3. Press *Edit* (left softkey).
4. Select the information you wish to edit (*Subject*, *Priority*, *Status*, etc.) and either press to clear one character at a time, or use the navigation key to make changes within the text.
5. Press *Done* (left softkey) to save your changes.

Deleting a Task

1. Press *Start* > *All Programs* > *Organizer* > *Tasks*.
2. Select a task and press *Menu* (right softkey) > *Delete Task*.
3. Press *Yes* (left softkey) to delete or *No* (right softkey) to cancel.

Beaming a Task via Bluetooth

Your device allows you to send and receive information wirelessly between up to two Bluetooth-enabled devices at a time. (For more information, see "Beaming Files" on page 133.)

To beam a task:

1. Press *Start* > *All Programs* > *Organizer* > *Tasks*.
2. Select a task and press *Menu* > *Beam Task*. (The phone begins to search for compatible devices in range.)

3. Select a target Bluetooth device from the list and press ***Beam*** (left softkey). (The recipient's phone will then display a confirmation screen where they'll have to agree to save the newly sent task to their own list.)

Receiving a beamed contact:

When receiving a task sent by another compatible device, you are prompted to accept the new incoming information and then store it to your current tasks list.

- Read the confirmation screen and press ***Done*** (right softkey).

Managing Voice Memos

Use your device's Voice Notes to record brief memos to remind you of important events, phone numbers, or grocery list items.

Recording Voice Memos

1. Press ***Start*** > ***All Programs*** > ***Organizer*** > ***Voice Notes*** > ***Record*** (left softkey).
2. Begin recording after the prompt.

To end the recording of your memo:

- Press ***Stop*** (left softkey).

Note	*Memo storage capacity is limited only by the amount of available memory.*

Voice Memo Options

To rename voice memos you have recorded:

1. Press *Start* > *All Programs* > *Organizer* > *Voice Notes*. Voice memo names start with the prefix "Recording," followed by a sequence number for each recording, starting at 1.
2. Select a voice memo from the list and press *Menu* > *Rename*.
3. Either press  to clear one character at a time, or use the navigation key to make changes within the voice memo name.
4. Press *Done* (left softkey) to complete the process.

To play the voice memos you have recorded:

1. Press *Start* > *All Programs* > *Organizer* > *Voice Notes*.
2. Press  .

   – or –

   Press *Menu* (right softkey) > *Play*.

Erasing Voice Memos

To erase all voice memos:

1. Press *Start* > *All Programs* > *Organizer* > *Voice Notes*.
2. Select a voice memo from the list and press *Menu* (right softkey) > *Delete*.

Using the Tip Calculator

1. Press *Start* > *All Programs* > *Accessories* > *Tip Calculator*.
2. Use the keypad to enter the bill amount and tip percentage. (The correct tip will be calculated instantly.)
3. If you're splitting the check, highlight the Split field and enter the number of people in your party.
4. Press *Calculate* (left softkey) to complete the process.

Using the Calculator

Your device comes with a built-in calculator.

1. Press *Start* > *All Programs* > *Accessories* > *Calculator*.
2. Enter numbers using your keypad.
   - Press * to enter decimal points.
   - Press # to change the numeric value from positive to negative.
   - Press *Clear* (left softkey) to clear all numbers.
3. Press OK for the total.

Using the Smart Converter

Your device comes with a built-in conversion application.

1. Press *Start* > *All Programs* > *Accessories* > *Smart Converter*.
2. Select a conversion type and press OK.
   - Select *Currency*, *Length*, *Weight*, *Volume*, *Area*, or *Temperature*.
3. Select a unit to convert from and then enter a value for the unit.
   - Press * to add a decimal point. Your device can display up to six digits after an inserted decimal point.
   - For temperature conversions, press 0 to change the temperature to either below or above zero.
   - Press *Clear* (left softkey) to delete all numbers.

Using the Stopwatch

Your device comes with a built-in stopwatch.

1. Press *Start* > *All Programs* > *Accessories* > *Stopwatch*.
2. Press *Start* (right softkey) to turn on the timer.
3. Press *Reset* (left softkey) to set the timer back to zero.
4. Press  to exit the application and return to the Home screen.

Using the World Clock

To view the time in over 50 different locations:

1. Press *Start* > *All Programs* > *Organizer* > *World Clock*.
2. Press the left softkey to switch between *World map* and *World clock* views.
3. Highlight *Clock 1* or *Clock 2* and then press *Edit* (right softkey) > *Assign* to configure the clock.
4. Select a *Country*, *City*, and *Time Zone* (including Daylight Saving Time) and press *Done* (left softkey).

Using the File Viewer

You can view many Microsoft Office® and Adobe® PDF files using the included File Viewer. This application allows you to view and print Microsoft Office files.

Compatible applications include Adobe PDF, Word®, PowerPoint®, and Excel®. Office files must be created within Microsoft Office 97, 98, 2000, XP, 2003, and 2007.

Note	*Office 2007 file extensions such as* **docx**, **pptx**, *and* **xlsx** *are supported. Adobe PDF 1.8 format are also supported.*

To use the File Viewer:

1. Press *Start* > *All Programs* > *File Viewer*.
2. Use the navigation key to locate a file to view.
3. Highlight the file and press  .

Section 2H

Using the microSD Card

- *Using Your Device's microSD Card and Adapter*
- *microSD Settings*
- *microSD Folders*
- *Connecting Your Device to Your Computer*
- *General Precautions*

Your device lets you use a microSD™ card and an adapter to expand the available memory space. This highly secure digital card enables you to exchange images, music, and voice data between SD-compatible devices.

This section details the features and options of your device's microSD functionality.

Using Your Device's microSD Card and Adapter

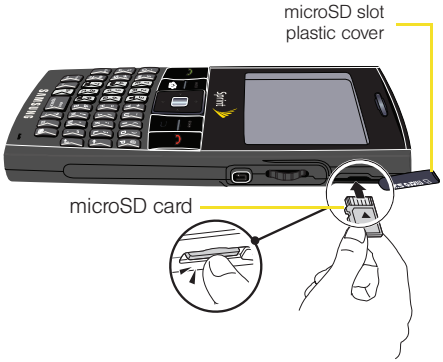
Using the microSD Card

Your device is capable of supporting an optional memory storage medium known as a microSD memory card (TransFlash™ card). This card allows you to expand your device's memory space to store music, videos, photographs, and data in your device.

Memory cards with over *2 GB* storage capacity will not work with this device.

Installing the microSD Memory Card

1. Locate the memory slot on the right side of the device and flip up the microSD plastic cover.



2. Make sure the microSD card's gold contacts are facing up.
3. Carefully insert the microSD card into the opening and firmly push it in until you hear a click that indicates the card is securely installed.
4. With the card now securely installed, replace the plastic cover over the microSD slot on the device.

Note	*Be sure to use only recommended microSD cards (32MB–2 GB). Using non-recommended microSD cards could cause data loss and damage your device.*

Removing the microSD Memory Card

1. Flip up the microSD plastic cover on the right side of the device.
2. Firmly push the end of the card further into the device and release—the card should pop out from

the memory card slot. If this does not work, repeat this process.



Note	*The microSD card can be easily damaged by improper operation. Please be careful when inserting, removing, or handling it.*

Note	*DO NOT remove a microSD card while files are being accessed or transferred. Doing so will result in loss or damage of data.*
	Make sure your battery is fully charged before using the microSD card. Your data may become damaged or unusable if the battery runs out while using the microSD card.

microSD Settings

Formatting the microSD Card

1. With the microSD card inserted, press ***Start*** > ***All Programs*** > ***Settings*** > ***More...*** > ***Memory Information***.
2. Press ***Menu*** (right softkey) > ***Format Storage Card***. (A warning will be displayed.)
3. If you are sure you wish to remove all the files from your microSD card, press ***Yes*** (left softkey), or press ***No*** (right softkey) to cancel the operation.

Note	*The formatting procedure erases all the data on the microSD card, after which the files CANNOT be retrieved. To prevent the loss of important data, please check the contents before you format the card.*

4. Press ***OK*** (left softkey) to return to the Memory Information screen.
5. Press ***Done*** (left softkey) to exit this screen.

Creating Folders in the microSD Card

The built-in camera or camcorder will create a My Pictures folder on an installed microSD memory card the first time a picture or video is saved to the memory card. Also, the camcorder will create a My Videos subfolder in the My Pictures folder on an installed microSD card the first time the camcorder stores a video to the card.

You can create other folders on the microSD card using the following steps.

1. Ensure that the microSD card is properly inserted.
2. Press *Start* > *All Programs* > *File Explorer* > *Menu* (right softkey) > *Storage Card*. (This accesses the microSD card and displays the root directory.)
3. Select *Menu* (right softkey) > *Edit* > *New Folder*.
4. With the default "New Folder" name highlighted, use the keypad to enter a new name and press .

Note *When a picture or video is first taken, the device automatically creates a* My Pictures *folder. See "Adjusting Settings" on page 115.*

Viewing Memory Space on the microSD Card

- With the microSD card inserted, press *Start* > *All Programs* > *Settings* > *More...* > *Memory Information*. (The total, free, and used memory space is shown numerically in addition to a color-coded bar that shows used vs. free memory space.)

microSD Folders

Viewing Your microSD Folders

All the files stored in your microSD card are organized into folders.

- Press *Start* > *All Programs* > *File Explorer* > *Menu* (right softkey) > *Storage Card*.

To change the display mode:

1. Press *Menu* (right softkey) > *View*.

2. Select either *Icons* or *List* and press .
   - *Icons* displays all content (folders and files) as icons in rows of four.
   - *List* displays all files as a list.

To change the sort order:

1. Press *Menu* (right softkey) > *Sort By*.
2. Select a sort key (Name, Date, Size, or Type) and press .

Launching a File from the microSD Card

1. Press *Start* > *All Programs* > *File Explorer* > *Menu* (right softkey) > *Storage Card*.
2. Select a folder and press to reveal the folder's contents.
3. Select a file and press to launch the file's associated application.

Connecting Your Device to Your Computer

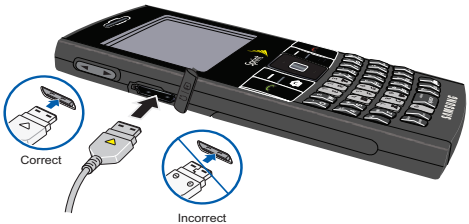
Before using your device's mass storage capabilities, you need to prepare your device's data services to synchronize with your desktop or laptop computer. Once the device is connected to the computer, you can transfer your data to or from the microSD card.

The device can be configured to communicate with your computer as an extension of your computer by using the ActiveSync® utility which is used to synchronize computer applications with your device.

Before you can connect your device to your computer via USB, you will need to install the ActiveSync application.

1. With the microSD card inserted, press *Start* > *All Programs* > *Settings* > *Connections* > *More...* > *USB to PC*.
2. Check the "Enable advanced network functionality" box by pressing and press *Done* (left softkey).

3. Connect the other end of the cable to your computer.
4. Plug one end of the included USB cable into your Power/Accessory Interface connection located on the side of the device. (Wait for the connection to be completed. When connected, your computer will automatically detect your device.)



5. If ActiveSync was previously installed on your computer, the application will prompt you to configure the new connection profile. For now, click ***Cancel*** and close the application. Setup and configuration of ActiveSync is covered in a later section (page 144).
6. Click the ***My Computer*** icon on the Windows desktop, and double-click ***Mobile Device*** (which may appear as an icon or text, depending on your View settings).
   - A window opens showing a ***My Windows Mobile-Based Device*** icon and additional folders which comprise your device's ***My Document***s folder. This folder may contain subfolders for My Pictures, My Ringtones, Notes, and Templates. These folders must not be modified or deleted.
   - The My Documents directory (***Start*** > ***All Programs*** > ***File Explorer*** > ***Menu*** [right softkey] > ***My Documents***) provides access to only those folders available on the device and not on the microSD card.
7. Double-click the ***My Windows Mobile-Based Device*** icon to reveal all the device contents (both storage card and internal device folders).
   - ***My Documents*** contains all the built-in device folders that are part of the My Documents group.

- *Program Files* contains all currently installed applications, such as Camera, RSS Reader, and Windows Media Player®.
- *Storage Card* contains the microSD card directory of user-created files and folders.

8. Double-click the *Storage Card* folder to reveal the contents of the microSD card.

Transferring data directly to the microSD

The microSD card can be accessed and used just as easily as any other communicating storage device.

1. From your Desktop, double-click *My Computer* > *Mobile Device* > *My Windows Mobile-Based Device* > *Storage Card* entry to display the folders and files available on the internal microSD card.
2. Open a folder and begin the transfer process of files for your computer to the internal card's target folder.

To remove the connection:

- When you have finished transferring data, unplug the USB cable from the device.

General Precautions

- No driver installation is required for Windows 2000/ME/XP users. If you use Windows 98 (or 98SE), you will need to download and install the USB mass storage driver from the Sprint Web site at *www.sprint.com*.
- To avoid loss of data, do not remove the USB cable, the microSD card, or the battery while files are being accessed or transferred.
- Do not use your computer to change or edit folder or file names on the microSD, and do not attempt to transfer large amounts of data from the computer to the microSD card. Doing so may cause the microSD card to fail.
- Do not turn off or restart your computer, or put it into standby mode while using a mass storage device. Doing so may result in loss or damage of data.
- If you connect a mass storage device to a peripheral device, the peripheral device may not work properly.

Camera

- *Taking Pictures*
- *Adjusting Settings*
- *Recording Videos*
- *Working with Pictures and Videos*
- *Sending Pictures and Videos by Email*
- *Printing Pictures via Bluetooth*

Your device's built-in camera gives you the ability to take full-color digital pictures, view your pictures using the device's display, and instantly send them to family and friends. It's fun, and it's as easy to use as a traditional point-and-click camera.

This section explains the features and options of your device's built-in camera.

Taking Pictures

Taking pictures with your device's built-in camera is as simple as choosing a subject, pointing the lens, and pressing a button.

Although the side button can be used for clearing text, you can also quickly activate the camera or camcorder by pressing and holding the side button.



To launch the camera or camcorder:

- Press and hold .

  – or –

  Press and hold .

Note	*The camera will open to its last-used function (camera or camcorder).*

To take a picture:

1. Press ***Menu*** > ***Camera*** to activate camera mode. (Additional camera options are available through the camera's Menu. See "Camera Mode Options" on page 112 for more information.)

Shortcut	*To activate camera mode, you can also press and hold . (See illustration on page 111.)*

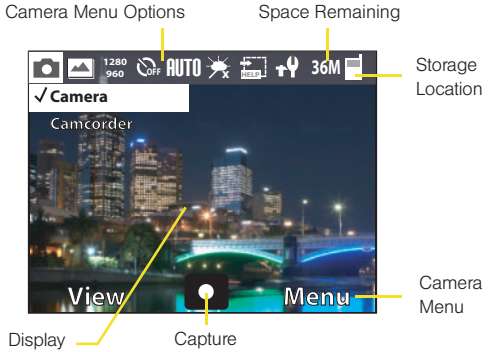
2. Using the device's display screen as a viewfinder, aim the camera lens at your subject.
3. Press or the thumbwheel until the shutter sounds. (The picture will be saved in your selected storage area. See "General Settings" on page 115.

- To return to camera mode to take another picture and save your current image, press ***Save*** (left softkey).

Note	*When the Autosave feature is enabled, your pictures are automatically stored (page 115).*

Camera Mode Options

When the device is in camera mode, press ***Menu*** (right softkey) and navigate through the various options:



- *Camera/Camcorder* to toggle between camera and camcorder.
- *Shooting Mode* to select from the following image capture options:
  - Single Shot, Multi Shot, Mosaic Shot, Frame Shot, or Night Shot. (See “Taking Multiple Shots” on page page 113.)
- *Size* to select a picture’s image size (*1280x960*, *640x480*, or *320x240*).
- *Timer* to activate the camera’s timer. (See “Setting the Self-Timer. (See “Setting the Self-Timer on page 113.)
- *White Balance* to adjust white balance based on changing conditions. Select from *Auto, Daylight, Cloudy, Tungsten,* or *Fluorescent*.
- *Effect* to select a variety of color tones for the picture (*No effects* [default], *Sepia*, *B/W*, or *Negative*).
- *Help* to view key functions in camera mode.
- *Settings* to adjust General, Camera, and Camcorder settings. (See “Adjusting Settings” on page 115.)

Setting the Self-timer

1. From camera mode, press *Menu* > *Timer*.
2. Highlight the length of delay you want the timer to use (*2 Sec*, *5 Sec*, or *10 Sec*) and press [ ].
3. Press [ ] to start the timer. (A numeric countdown is displayed on the upper left portion of the display screen.)
4. Get ready for the picture. (The device will make a chirping sound just before taking the picture.)

To cancel the Self-timer after it has started:

► Press [ ].

Note	*While the self-timer is active, all keys are disabled except* Back, End, *and* Home.

Taking Multiple Shots

This feature allows you to take a series of continuous shots. When you take multiple shots, thumbnails of those images are displayed in the viewfinder. When multiple shots are selected, the image size is automatically set to *640 x 480*.

1. From camera mode, press *Menu* (right softkey) > *Shooting mode*.

Note	*If your device's memory is full, the* **Shooting mode** *option is still displayed but a picture can not be taken.*

2. Select one of the following options and press .
   - ***Single shot*** to take a single picture.
   - ***Multi shot*** to take a series of pictures. (This value is determined by the ***Multi shot*** value set in the Settings menu [page 116].)
   - ***Mosaic shot*** to take a series of four pictures displayed in a 2x2, side-by-side, or top/bottom pattern.
   - ***Frame shot*** to take a single picture surrounded by a fun picture frame (***frame*** [default], ***rabbit***, ***bean***, ***Charles***, ***hair***, ***christmas***, ***snow***, ***halloween***, ***birthday***, or ***heart***).
   - ***Night shot*** to take a picture in low light levels.
3. Press or the thumbwheel button to take the pictures. (The ***Multi shot*** option will display 3,6,9, or 12 thumbnail pictures onscreen.)

Note	*When the Autosave feature is enabled, your pictures are automatically stored (page 115).*

Adjusting the Zoom

This feature allows you to zoom in on an object when you take a picture. Depending on your resolution settings, you can adjust the zoom from 1x to 2x.

- From camera mode, press the navigation key up or down to adjust the zoom. A zoom bar is displayed on the right side of the display screen.

Adjusting the Brightness

- From camera mode, press the navigation key left or right to adjust the brightness level. (A brightness level bar is displayed across the bottom of the display screen.)

Adjusting Settings

There are three categories of settings that can be made within camera/camcorder mode:

- *General*
- *Camera*
- *Camcorder*

General Settings

These are options that apply to both the camera and camcorder such as Viewfinder, Auto save, Default Storage, and Time Out.

1. Press *Start* > *All Programs* > *Camera* > *Menu* (right softkey).
2. Use the navigation key to select the *Settings* icon ( ) and press .
3. Select *General* and press .

Setting the viewfinder format:

1. From the General menu, select *Viewfinder* and use the navigation key to select from one of the available options:
   - *Normal View* displays a common set of icon indicators along the top portion of the screen
   - *No Indicators* displays only and the softkey options (*View* and *Menu)* along the bottom portion of the screen.
   - *Guideline view* displays a 3x3 grid over the entire display to help you compose the image. This view also provides the standard icon indicators along the top portion of the screen.
2. Press *Done* (left softkey) to store the setting.

Enabling autosave:

1. From the General menu, select *Auto save* and use the navigation key to select a setting:
   - *On* automatically stores the new picture or video into the default storage location. This option bypasses the Save option being presented onscreen.
   - *Off* causes an onscreen *Save* option to appear onscreen. This requires that you choose whether to save or discard each new image/video.
2. Press *Done* (left softkey) to store the setting.

Setting a default storage location:

1. From the General menu, select *Default Storage* and use the navigation key to select a setting:
   - *My device* stores new pictures or videos into the My Pictures folder on the device.
   - *Storage card* stores new pictures or videos into the My Pictures folder on the memory card.
2. Press *Done* (left softkey) to store the setting.

Setting a time out value:

1. From the General menu, select *Time Out* and use the navigation key to select an inactivity timeout setting (*After 1 minute*, *After 2 minutes*, *After 3 minutes*, or *Never*.)
2. Press *Done* (left softkey) to store the setting.

Camera Settings

These options affect camera operation only.

1. Press *Start* > *All Programs* > *Camera* > *Menu* (right softkey).
2. Use the navigation key to select the *Settings* icon ( ) and press .
3. Select *Camera* and press .
4. Select and change settings using your navigation key.
   - *Quality* to select the picture quality setting (*Fine, Normal,* or *Economy*).
   - *Multi Shot* to select the number of simultaneous pictures taken during a multishot sequence (*6, 9, 12* or *3*).
   - *Speed* to select how quickly the camera responds after is pressed (*Normal, Low,* or *High*).
   - *Mosaic Shot* to select the number and orientation of the pictures taken for a mosaic shot (*2x2, 2Horz* or *2Vert*).
   - *Sound* to set sound options for camera functions.
     - *Shutter* to select a shutter sound (*Shutter1, Shutter2, Crystal, Dingdong, Great* or *Off*).
     - *Zoom* determines whether a sound is played when zooming (*On* or *Off*).

- *Brightness* determines whether a sound is played when the brightness is adjusted (*On* or *Off*).

5. Press *Done* (left softkey) to store these settings.

Camcorder Settings

These settings affect camcorder operation only.

1. Press *Start* > *All Programs* > *Camera* > *Menu* (right softkey).
2. Use the navigation key to select the *Settings* icon ( ) and press .
3. Select *Camcorder* and press .
4. Select and change settings using your navigation key.
   - *Sound* to set sound options for camcorder functions.
     - *Start* determines whether a sound is played when the camcorder begins recording (*On* or *Off*).
     - *End* determines whether a sound is played when the camcorder stops recording (*On* or *Off*).
5. Press *Done* (left softkey) to store these settings.

Recording Videos

In addition to taking pictures, you can also record, view, and send videos to your friends and family with your device's built-in video camera.

1. Press *Start* > *All Programs* > *Camera* > *Menu* > *Camcorder* to activate video mode.

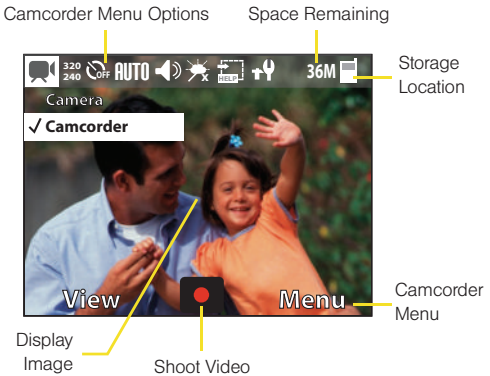
   – or –

   Press and hold > *Menu* > *Camcorder*. (Additional video options are available through the video mode *Menu*. See "Video Mode Options" on page 118 for more information.)
2. Using the device's display screen as a viewfinder, aim the camera lens at your subject.
3. Press or the thumbwheel to begin recording.
   - Press *Cancel* (right softkey) to reset the camcorder without saving.
4. Press or the thumbwheel to stop recording.

5. Press ***Save*** (left softkey) to save the video to the default storage location. (See “General Settings” on page 115.)

Video Mode Options

When the device is in camcorder mode, press ***Menu*** (left softkey) and navigate through the various options:



- ***Camera/Camcorder*** to toggle between Camera and Camcorder. (For more details see “Recording Videos” on page 117.)
- ***Size*** to select a video’s image size (***320x240*** or ***176x144***).
- ***Timer*** to activate the camcorder’s timer. (See “Setting the Self-Timer on page 113.)
- ***White Balance*** to adjust white balance based on changing conditions. Select from ***Auto, Daylight, Cloudy, Tungsten,*** or ***Fluorescent***.
- ***Audio*** to toggle the microphone ***On*** or ***Off*** during recording.
- ***Effect*** to select a variety of color tones for the video (***No effects*** [default], ***Sepia***, ***B/W***, or ***Negative***).
- ***Help*** to view key functions in camcorder mode.
- ***Settings*** to adjust General, Camera, and Camcorder settings. (See “Adjusting Settings” on page 115.)

Selecting Video Settings

- See “Camcorder Settings” on page 117.

Working with Pictures and Videos

Depending on the default storage location, your pictures and videos are stored in the My Pictures folder either on the device or on the memory card.

The number of pictures and videos that can be stored in your device is not only determined by the fixed amount of available onboard memory, but also by the size of other files stored on your device such as Contacts, Voice Notes, and Calendar entries.

Note	*Deleting pictures will free up memory space on your device to enable you to take more pictures.*

The number of pictures and videos stored on the microSD card is much more variable because of differences in memory card sizes.

Device Picture and Video Folders

To review your pictures and videos saved on the device:

1. Press *Start* > *All Programs* > *Pictures & Videos*. (This navigates to the My Pictures folder on the device. From there you can access videos by opening the My Videos subfolder.)
2. Use your navigation key to view and scroll through the pictures.
   - To launch the camera, highlight the camera icon and press .
3. Select a picture or video and press to view the file.

– or –

1. Press *Start* > *All Programs* > *File Explorer* > *My Documents* > *My Pictures*.
2. Use your navigation key to view and scroll through the available pictures or videos (within the My Videos subfolder).

microSD Picture and Video Folders

You can save pictures and videos directly to the microSD card using your device's pictures and videos settings. The maximum number of pictures or videos that can be saved to the microSD card is limited only by the memory size of the card.

To review your pictures and videos saved to the storage card:

1. Press *Start* > *All Programs* > *Pictures & Videos* > *Menu* (left softkey) > *Folders* > *Storage Card*. (This navigates to the My Pictures folder on the microSD on the device. From there you can access videos by opening the My Videos subfolder.)
2. Select the *My_Images* folder and press .
3. Use your navigation key to view and scroll through the pictures.
   - To launch the camera, highlight the camera icon and press .
4. Select a picture or video and press to view the file.

   – or –

1. Press *Start* > *All Programs* > *File Explorer* > *Menu* > *Storage Card* > *My_Images*.
2. Use your navigation key to view and scroll through the available pictures or videos (within the My Videos subfolder).

My Pictures Folder Options

Whether a picture file is stored in either the device or on the storage card, the My Pictures folder provides some general folder options.

1. Navigate to the My Pictures folder in either the device or storage card.
2. Highlight an image, press *Menu* (right softkey) for more options:
   - *Send* to send the image or video in a message. (See page 123 for details.)
   - *Beam...* to send the image or video directly to another Bluetooth-compatible device.

- *Edit* to display the following:
  - *Cut* to remove the file from the current location, and temporarily store it in the phone's memory.
  - *Copy* to make a copy of the current file and temporarily store it in the phone's memory.
  - *Paste* to transpose the previously selected file (via either cut or copy) file to the current folder.
  - *Delete* to erase the currently selected file.
  - *Rename* to change the name of the currently highlighted file.
  - *New Folder* to create a new subfolder in the current location.
- *Properties* to provide Name, Location, File Type, File Size, and Date Created information.
- *View* to display the current files as either a *List* or as a series of *Icons*.
- *Sort By* to sort the entries by Name, Date, Size, or Type.
- *My Device* to display all folders on your device (including those on the storage card).
- *My Documents* to display the My Documents folder stored in the device.

WARNING	*Do not modify or delete any folders other than the storage card or the My Documents folders, as this could affect the device and its applications.*

Picture and Video File Options

When you are viewing a picture or playing a video file from either the device or the storage card, press *Menu* (right softkey) to display the following options:

- *Zoom* to change the level of detail in the picture displayed on the screen. Select from either: *Zoom In*, *Zoom Out*, *Fit to Screen*, or *Actual Size*.
- *Play Slide Show* to view a sequence of pictures from the selected folder (only available when two or more pictures are saved to the folder).
  - To exit the Slideshow, press  or .
  - To rotate an image, press the navigation key up or down.

- *Use as Home Screen* to set the current image as the background for the Home screen.
- *Beam picture...* to choose from a list of compatible devices and then send the image via Bluetooth to a selected device. (See “Beaming Files” on page 133.)
- *Edit* to display the following options:
  - *Rotate* to rotate the picture 90 degrees clockwise.
  - *Crop* to cut out unwanted parts of the picture using your navigation key to reframe the visible image.
  - *Auto Correct* to correct the image for brightness, contrast, and color.
  - *Undo* to undo the last action.
  - *Cancel* to cancel the edit process.
  - *Save As* to save a picture to the same location under a different name using the keypad and  .
- *Save* to save the picture using either:
  - *Save to Contact...* to assign the current picture as the Caller ID for a selected Contacts entry. Select an entry and press  .
  - *Save As...* to save the picture under a different name (see above).
- *Properties* to display a picture's name, location, file type, file size, date created, and protection status.
- *Options* to access other image options:
  - *General* to set the dimensions for images to be emailed (Large [640x480], Medium [320x240], Small [160x120], or Original size) and to rotate left 90 degrees or right 90 degrees when rotating a picture.
  - *Slideshow* to set the default orientation (landscape or portrait) for pictures in slideshows; and to enable the slideshow to run as a screensaver on a connected computer after a two-minute idle period.

- ***Print via Bluetooth*** to send the selected picture to a Bluetooth-compatible printer. See “Printing Pictures via Bluetooth” on page 124.
  - Use your navigation key to specify the following settings for the printed image: Layout, Media Size, MediaType, Quality, Orientation, Sides, Copies, and NumberUp.
  - Press ***Print*** to send the file to the printer.

Sending Pictures and Videos by Email

Once you have taken a picture or a video, you can use the messaging capabilities of your device to instantly share it with family and friends as an email attachment.

You will need to set up an email account before you can send pictures or videos. (For more information, please see the Set Up Your Email guide included with your device.)

Note	*Email messages (with or without attachments) cannot be sent to phone numbers, only to valid email addresses.*

To send pictures or videos to email recipients:

1. Highlight a picture or video by following the steps listed in either “Working with Pictures and Videos” on page 119 or “microSD Picture and Video Folders on page 120 (depending on the storage location of the picture or video you wish to send).
2. Press ***Menu*** (right softkey) >***Send***.
3. Highlight an email account and press ***Select*** (left softkey).
4. Enter the recipient's email address in the ***To:*** field using the keypad. (See “Entering Text” on page 38.)
5. Enter a message title in the Subject: field using the keypad.
6. Press the navigation key down to the message area below the ***Attachment*** field and enter a message, if desired.
7. To insert an additional picture or video, press ***Menu*** (right softkey) >***Insert***>***Picture***.

8. Highlight a picture (or navigate to a video) and press .
9. Press *Send* (left softkey) to send the message.

Printing Pictures via Bluetooth

Your device can send pictures to a Bluetooth-compatible printer, allowing you to print pictures stored on your device without the need for connecting cables or additional software.

> **Note** *Make sure your battery is fully charged before using this feature and that your printer is turned on and functioning properly.*

To set up your device for Bluetooth printing:

1. Confirm that Bluetooth has been enabled on your device. (See "Turning Bluetooth On and Off" on page 126.)
2. Press *Start* > *All Programs* > *Settings* > *Connections* > *Bluetooth*.
3. Select *Add new device...* and press .
4. Select a Bluetooth-enabled printer from the list of detected devices and press *Next* (left softkey).
5. Use the keypad to enter a passcode and press *Next* (left softkey). (An onscreen message will tell you if the connection was made successfully. If the connection failed, please confirm the device is functioning correctly and repeat steps 3 and 4.)
6. Press *OK* (left softkey).
7. Use the keypad and to enter a display name for the printer and press *Next* (left softkey).
8. From the Services screen, check the *Printer* box by highlighting the option and pressing .
9. Press *Done* (left softkey) twice to return to the Connections screen.

To print pictures directly from your device:

1. Press *Start* > *All Programs* > *Pictures & Videos*. (This displays pictures and videos stored on the device.)

   – or –

   Press *Start* > *All Programs* > *File Explorer* > *Menu* (right softkey) > *Storage Card* > *My_Images*.

2. Highlight an image and press *Menu* (right softkey) > *Print via Bluetooth*.
   - If the picture has already been selected and opened, press *Menu* (right softkey) > *Print via Bluetooth*.
3. From the list of available BPP-configured devices, highlight a printer and press [ ].
4. Specify printer settings:

Note	*On some printers, the image may be printed using the printer's default printing setup without the need to make any settings on your device.*

   - *Layout*: To print one large print or two, four, or nine smaller prints per sheet.
   - *Media Size*: To set the print size (4x6, 5x7, 8x10, letter, etc.). Print sizes may vary according to the type of printer you have.
   - *Media Type*: To set the paper type.
   - *Quality*: To set the print quality.
   - *Orientation*: To set the orientation of the printed page (*Portrait* or *Landscape*).
   - *Sides*: To choose from either *Single-Sided* or *Double-Sided*.
   - *Copies*: To specify the number of copies to print at one time.
   - *NumberUp*: To print a page number on each print.

Note	*You may need to provide a passkey to continue printing.*

5. When you have finished selecting the printer settings, press *Print* (left softkey).

Bluetooth

- *Turning Bluetooth On and Off*
- *Using the Bluetooth Settings Menu*
- *Bluetooth Profiles*
- *Bluetooth Information Settings*
- *Pairing Bluetooth Devices*
- *Using Hands-Free Devices*
- *Bluetooth OBEX FTP*
- *Using a Bluetooth Virtual Serial Port*
- *Beaming Files*

Your device features built-in Bluetooth technology, allowing you to share information more easily than ever before. Bluetooth is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car kits, and Bluetooth-enabled handhelds, PCs, printers, and wireless devices. The Bluetooth communication range is usually up to approximately 30 feet.

This section details how to set up and make the most of your device's Bluetooth capabilities.

Turning Bluetooth On and Off

By default, your device's Bluetooth feature is turned off. Turning your Bluetooth on makes your device discoverable (connectable).

To turn Bluetooth on:

1. Press the Power button to launch the Quick List screen.



Note *On the Wireless Manager screen, select and activate the* All *field to toggle the Bluetooth and your wireless connection on and off.*

2. Select ***Wireless Manager*** and press .
3. Highlight the Bluetooth field and press to enable Bluetooth.
   - When Bluetooth is inactive, the Bluetooth field displays the icon.
   - When Bluetooth is active, the icon is displayed on both this field and on the screen.
4. Press ***Done*** (left softkey) to exit and return to the Start screen.

To turn Bluetooth off:

1. Press the Power button, select ***Wireless Manager***, and press .
2. Highlight the Bluetooth field and press to disable Bluetooth.
3. Press ***Done*** (left softkey) to exit and return to the Start screen

Bluetooth Status Indicators

The following icons show your Bluetooth connection status at a glance:

- – Bluetooth is active.
- – Bluetooth is disabled (default status).

Using the Bluetooth Settings Menu

The ***Bluetooth Settings*** menu allows you to set up many of the characteristics of your device's Bluetooth service, including:

- Entering or changing the name your device uses for Bluetooth communication
- Setting your device's visibility (or "discoverability") for other Bluetooth devices

To access the Bluetooth Settings screen:

1. Press the Power button, select ***Wireless Manager,*** and press [ ].
2. Highlight the ***Bluetooth*** field and press ***Menu*** (right softkey) **>*Bluetooth Settings*.**

Note	*Another way to navigate to the Bluetooth Settings screen is* **Start > All Programs > Settings > Connections > Bluetooth.**

3. Press ***Menu*** (right softkey) to set your Bluetooth options.
   - Select ***Turn Off Bluetooth*** to disable Bluetooth. If Bluetooth is already turned off, this option will be ***Turn On Bluetooth***.
   - Select ***Turn On Visibility*** to make your device visible to other Bluetooth-enabled devices. If visibility is already turned on, this option will be ***Turn Off Visibility***.
   - Select ***COM Ports*** to set up a COM port (after pairing with a device) by pressing ***Menu*** (right softkey) **> *New Outgoing Port*.**

About Discoverability (Visibility)

Making your device discoverable (visible) allows other devices to detect it when they search for in-range Bluetooth-compatible devices. Your device must be turned on and the built-in Bluetooth radio must also be turned on and discoverable. To turn on your device's visibility, see step 3 in "To access the Bluetooth Settings screen:" on page 128.

Bluetooth Profiles

All of the Bluetooth settings you configure are stored in your device's Bluetooth user profile. You can use different profiles for specific Bluetooth functions.

- ***HSP: Headset Profile*** – This profile functions as a wireless ear jack. When an incoming call is received, the ringer can be heard through the headset instead of through the device. The call can then be received by pushing a button. While using the device, you can use the headset instead of the device by pushing a button on the headset, the same as inserting a jack into the device. Increase or decrease the volume by using the volume key on the side of the device.

- *HFP: Hands-Free Profile* – This profile functions as a wireless car kit. Incoming calls ring to the hands-free headset or device. Calls can be received by pressing a button on the headset or device. For dialing, four functions are supported: recent call dial, voice dial, speed dial, and number dial. Increase or decrease the volume by using the volume key on the side of the handset.

Note	*This feature may not be initially available.*

- *PAN: Personal Area Network Profile* – This profile functions as a wireless data cable, connecting a computer or PDA to a network through your handset.
- *OPP: ObjectPush Profile* – This profile uses the Generic Object Exchange profile services to send data objects between devices and can be used to exchange objects like music files, pictures, and calendar (vCal) and business cards (vCard).
- *FTP: File Transfer Profile* – This profile allows you to transfer files to or from other Bluetooth-enabled devices.
- *BPP: Basic Printing Profile* – This profile enables simpler printing from your device to a Bluetooth-enabled printer.
- *A2DP: Advanced Audio Distribution Profile* – This profile allows you to transmit high quality stereo music from your device to other compatible accessories including Bluetooth stereo headsets.
- *AVRCP: Audio/Video Remote Control Profile* – This profile enables your device to remotely control compatible accessories including Bluetooth stereo headsets. You can play, pause, stop, forward, backward from a headset. (Playback functions may vary among Bluetooth accessories.)
- *PBAP: Phone Book Access Profile* – This profile enables exchange of Contacts information between devices. It is typically used between a car kit and a mobile device to allow the car kit to display the name of the incoming caller.
- *HID*: Human Interface Device Profile - This profile enables your device to remotely control compatible accessories including Bluetooth Human Interface Devices (such as a mouse or keyboard).

- *ActiveSync*: To use ActiveSync® via Bluetooth wireless technology, you need to configure the settings for both your computer and your device. For more information, refer to “Synchronizing with ActiveSync” on page 144.
- *OBEX*: Object Exchange Protocol - This profile provides an efficient, compact binary protocol that enables a wide range of devices to exchange data spontaneously in a simple, efficient manner.
- *SPP*: Serial Port Profile - This profile emulates a serial cable to provide a wireless replacement for existing RS-232 based serial communications applications.

Bluetooth Information Settings

Your device’s *My Information Setting* menu allows you to configure and review many of your device’s Bluetooth settings, including:

- Entering or changing the name your device uses for Bluetooth communication.
- Displaying your device’s Bluetooth address.

Assigning a Bluetooth Name to your Device:

By default, your device is given the Bluetooth name “*SPH-I325*”. You may wish to assign a unique name to avoid confusion if there are other similar devices within the Bluetooth coverage range.

1. Press *Start* > *All Programs* > *Settings* > *Connections* > *Bluetooth Profiles* > *My Information Setting*.
2. Select the *Device Name* field.
3. Press and hold  to delete the default “*SPH-I325*” name.
4. Use the keypad to enter a new descriptive name. (This is the name which will appear to other users when your Bluetooth visibility is turned on.)
5. Press *Done* (left softkey) to return to the Bluetooth Profiles screen.

To view your Bluetooth device address:

1. Press *Start* > *All Programs* > *Settings* > *Connections* > *Bluetooth Profiles* > *My Information Setting*.

2. Use either the thumbwheel or navigation key to scroll down the My Information Manager page to review the ***Device Address*** Bluetooth uses for your device.

Pairing Bluetooth Devices

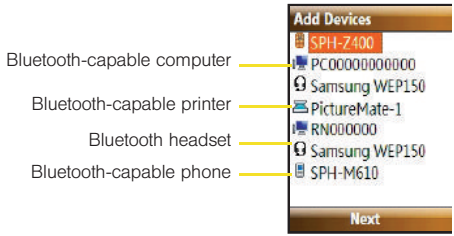
Pairing Devices

The Bluetooth pairing process (bonding) allows you to establish trusted connections between your device and another Bluetooth device. When devices are paired, a passcode is shared between devices, allowing for fast, secure connections while bypassing the discovery and authentication process.

Note	*When pairing your device to other Bluetooth devices, ensure that your device is not connected to your computer via a USB cable.*

To pair your phone with another Bluetooth device:

1. Confirm that Bluetooth is enabled. (See "Turning Bluetooth On and Off" on page 126.)
2. Press ***Start*** > ***All Programs*** > ***Settings*** > ***Connections*** > ***Bluetooth***.
3. Select ***Add new device..*** and press [ ]. (Your device will display a list of discovered in-range Bluetooth devices.)



4. Select a device and press ***Next*** (left softkey).
5. Use the keypad to enter a passcode and press ***Next*** (left softkey). (An onscreen message will tell you if the connection was made successfully. If the connection failed, please confirm the device is functioning correctly and repeat steps 3 and 4.)

6. Use the keypad and  to enter a display name for the Bluetooth device and press ***Next*** (left softkey).
7. From the Services page, check the ***Hands Free*** box by highlighting the option and pressing  .
   - If you are connecting to a Bluetooth-capable printer, you must check the ***Printer*** box on the Services page.

Note	*Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth-compatible devices.*

Waiting for Pairing from an External Device

If you are going to be using a Personal Area Network (PAN) profile to pair with a computer or PDA, you will need to allow the other device to initiate pairing with your phone.

To allow your phone to be paired with another Bluetooth device:

1. Make sure your Bluetooth feature is active and your device is visible. See “Using the Bluetooth Settings Menu” on page 127.
2. From the Confirm screen, press ***Yes*** (left softkey) to accept the connection from the external Bluetooth device.
3. Enter the passcode (the same one used by the initiating device) in the passcode field and press ***Next*** (left softkey).

Note	*Although your device can connect to any Bluetooth-compatible device, only two connections can be made at a time. If an incoming pairing request is rejected, you might need to disable pairing with another device.*

To deactivate Bluetooth devices in your list:

1. Press the Power button, select ***Wireless Manager*** and press  .
2. Highlight the ***Bluetooth*** field and press ***Menu*** (right softkey) **>*Bluetooth Settings*.**

3. Highlight an entry from the list, press [ ] and press *Next* (left softkey).
4. Uncheck boxes for Services options by highlighting an option and pressing [ ].
5. Press *Done* (left softkey) to return to the Bluetooth Devices list.

To configure the settings of Bluetooth devices in your list:

1. Press the Power button, select *Wireless Manager* and press [ ].
2. Highlight the *Bluetooth* field and press *Menu* (right softkey) > *Bluetooth Settings*.
3. Highlight a device and press *Menu* (right softkey) > *Edit*.
4. Use the keypad and [ ] to change the device name and press *Next* (left softkey).
5. Highlight an option and then press [ ] to check or uncheck the box for the option.
6. Press *Done* (left softkey).

To delete a Bluetooth device from your list:

1. Press the Power button, select *Wireless Manager* and press [ ].
2. Highlight the *Bluetooth* field and press *Menu* (right softkey) > *Bluetooth Settings*.
3. Highlight a device and press *Menu* (right softkey) > *Delete*.
4. From the Confirm screen, press *Yes* (left softkey) to delete the device or press *No* (right softkey) to cancel.

Beaming Files

Using an active Bluetooth connection, you can beam any data file (Contacts, pictures, video, text, etc.) directly to another Bluetooth device. Both devices must be active ( ), with visibility turned on, and the recipient must accept the incoming data.

When you send data to another user, it is up to the recipient to either accept the incoming data or reject the connection. If you are sending a picture to a

Bluetooth-compatible printer, you may need the passcode to establish a connection.

Beaming Contacts via Bluetooth

1. Press *Start* > *All Programs* > *Contacts*.
2. Select an entry and press *Menu* (right softkey) > *Send Contact* > *Beam*. (Your device will search for and list all discovered Bluetooth devices.)

Note	*Each device that appears in the above search will initially appear as "***Unknown device.***" After a short time the correct display names will appear.*

3. Highlight a device and press *Beam* (left softkey) to send the name card to this recipient. (The recipient's device will display an onscreen message asking whether they would like to receive and save your Contact entry to their list.)

Beaming a Multimedia File

1. Press *Start* > *All Programs* > *Pictures & Videos*. (This displays pictures and videos stored on the device.)

   – or –

   Press *Start* > *All Programs* > *File Explorer* > *Menu* (right softkey) > *Storage Card*.
2. Highlight an image and press *Menu* (right softkey) > *Beam...*. (Your device will search for and list all discovered Bluetooth devices.)
3. From the list of devices, highlight a device and press *Beam*. (The recipient's device will display an onscreen message asking whether they would like to receive and save your picture or video to their device.)

Printing Pictures via a Bluetooth Printer

There are two ways you can print pictures via Bluetooth:

- Using the Print via Bluetooth option. See "Printing Pictures via Bluetooth" on page 124.
- Using the Beam option (see below).

To print pictures via direct Beaming:

1. Follow steps 1 and 2 in “Beaming a Multimedia File.”
2. From the list of devices, highlight a printing device, press Beam, and press .

Note *Each device that appears in the above search will initially appear as “***Unknown device.***” After a short time the correct display names will appear.*

Using Hands-Free Devices

Your device allows pairing with hands-free devices. Although the pairing process is similar to that of most other Bluetooth devices, the Hands-Free option must be enabled within the Services menu to take advantage of this feature. (See “Pairing Bluetooth Devices” on page 131.)

Some or all of the features below are available when using a Bluetooth hands-free device.

- *Voice recognition using the Voice Commands application*
- *Last number redial*
- *Call holding and call switching*
- *Ending a call*
- *Switching to a private call*

Note *For specific information about the features available with your hands-free device, please refer to the user manual provided with your device.*

Bluetooth OBEX FTP

Your device can fully utilize the OBEX FTP (object exchange file transfer protocol) application provided to exchange data with other devices using Bluetooth technology as the transport layer. To use your device as a Bluetooth OBEX FTP server, ensure that your device's visibility is turned on so that the OBEX FTP client can both search for and then automatically establish an OBEX FTP connection.

Bluetooth OBEX FTP Server Setting

If the OBEX FTP client attempts an OBEX FTP connection with your device, Bluetooth pairing is usually required. The default shared folder of the OBEX FTP server is "*My Documents*".

Exchanging Files via an OBEX FTP Server

When a client device attempts to upload files to or download files from your device's OBEX FTP server, a dialog box opens asking, "Someone is trying to get your files. Do you accept the request?" or "A new file has arrived. Do you accept the incoming file?".

(The message that is displayed depends on whether a download or upload is requested.) In either case, press ***Yes*** (left softkey) to confirm you want to allow an upload to or download from your server.

Using a Bluetooth Virtual Serial Port

Many Bluetooth devices, such as GPS receivers, support the Bluetooth serial port profile (SPP). You can use your device's virtual Bluetooth serial port to make a Bluetooth serial connection with such devices.

Assigning a Bluetooth Virtual Serial Port

1. Pair your phone with the target Bluetooth device. (See "Pairing Bluetooth Devices" on page 131.)
2. From the Bluetooth Devices page, press ***Menu*** (right softkey) > *COM Ports* > *Menu* (right softkey) > *New Outgoing Port*.
3. Select a device from the list and press ***Select*** (left softkey).
4. Select a COM port for the connection and press ***Done*** (left softkey).

The port you selected above can now be used by other applications available on your device. For example, you can use this new port to communicate with a third-party Bluetooth GPS device.

Mobile Applications

- *Launching Internet Explorer*
- *Using Live Search*
- *Using the RSS Reader*
- *Using Internet Sharing*

There are almost no limits to the ways in which you can use your device's built-in applications to surf the Web and to find files and information. This section outlines Mobile applications such as: Internet Explorer®, Live Search®, and the RSS Reader.

Launching Internet Explorer

Your device comes with a version of Microsoft Internet Explorer® with many of the same features as the browser you use on your computer.

► Press ***Start*** > ***All Programs*** > ***Internet Explorer.***

Navigating to a specific Web address

1. Press ***Menu*** (right softkey) > ***Address Bar.***
2. Press and hold  to delete the default Web address.
3. Enter a new address beginning with ***www.*** and press ***Go.***
   - A list of recently visited Web sites may appear below the address bar in the event you would like to navigate to one of those Web sites without having to retype the address.

Adding a Web page to your Favorites list

When you find a Web page that you would like to revisit, it can be saved as a Favorite link.

1. Press *Menu* (right softkey) > *Address Bar*.
2. Press and hold ⮌ to delete the current Web address.
3. Enter a new address beginning with *www.* and press *Go*.
4. When the page has fully loaded, press *Menu* (right softkey) > *Add to Favorites*.
   - To alter the default entry name, press and hold ⮌ to delete the current name and then use the keypad to enter a new name.
5. Press *Add* (left softkey).

Browser Display Options

You can change the way Web pages are displayed on your screen. You can adjust text size, appearance, and the speed that pages are loaded (by blocking pictures).

1. Press *Menu* (right softkey) > *View*.
2. Select *Text Size* to adjust the default text size used by the browser to display onscreen content.
   - Choose from *Largest*, *Larger*, *Medium* (default), *Smaller*, or *Smallest*.
3. Select the format and orientation for pages displayed on your screen. Choose from:
   - *One Column* to display a page in a single-column format.
   - *Fit To Screen* to force the page to fit your available screen size.
   - *Desktop* to retain the page's original format. (You may need to scroll vertically or horizontally to view the entire page.)
   - *Full Screen* to turn off menu and icon display to view the page using your whole screen.
4. The *Show Pictures* option can be deselected to increase the speed at which Web pages are loaded onto your screen.
   - Highlight *Show Pictures* and press ◯ to uncheck this option if it is enabled.

Copy and paste text from within the browser

You can select text from within a Web page and then copy it from the current Web page and paste it into the text or message field of another application such as SMS text or email.

1. Press ***Menu*** (right softkey) **>*Copy/Paste*>*Select Text*.** (This process converts the current page into selectable text.)
2. Use the navigation key to position the cursor at the desired point in the text page. (Place it just before the text you would like to cut or copy).
3. Press ***Select*** (left softkey) and use the navigation key to select text.
4. Press ***Copy*** (left softkey) to place the text into the device's clipboard (temporary memory storage).
5. Open the target application (email or SMS text message.)
6. Use your navigation key to position the cursor in either the reply text area of an SMS text message or the body area of an email message.
7. Press ***Menu*** (right softkey) **>*Copy/Paste*>*Paste*.**

Zooming in on Web Pages

Internet Explorer provides support for zooming while viewing any active Web page. You can zoom out from the Web page to best locate the information you desire from a large Web page. This feature improves readability, visibility, and usability by allowing readers to see small onscreen text or images more clearly.

1. From within an active Web page, press ***Zoom Out*** (left softkey).
2. Use your navigation key to select an area of the Web page.
3. Press ***Zoom In*** (left softkey) to fill the screen with the selected part of the Web page.

Using Live Search

Your device comes with a built-in Web search engine called Live Search. This search engine provides ready access to a variety of topics, searches, and maps. You can even get visual directions to a specific address.

Using Live Search from the Start Menu

1. Press *Start* > *All Programs* > *Live Search*.
2. Read the service agreement and press *Accept* (left softkey).
3. Enter a text string to search. See “Entering Text” on page 38.
4. Once you’ve entered keywords press to launch the Live Search engine and view your results.
5. Use your navigation key and keypad to begin your searches:
   - *<Business or Category>* to enter a term, keyword, or business name as your search key.
   - *<City, State>* to scroll through a list of available cities to further refine a search.
     - Highlight *Choose a new location* and press to select a location that is not currently listed.
     - Use the thumbwheel to scroll through the alphabetical list of cities and select a location that is not currently listed. You can choose a specified city, from a map, or from Contacts.

   – or –

   Choose from one of the following search presets (select the corresponding icon onscreen):
   - *Categories* to narrow your search by starting with a main category and then refining your search.
     - Select a category and then press the navigation key right to expand a given category, or down to scroll through a list of categories. When you find the category you want, press .

Note *These searches are based on the location currently selected from the main Live Search screen.*

- ***Map*** displays a map of the currently selected city.
  - Press ***Menu*** (right softkey) to access options such as ***Zoom Out***, ***Zoom In***, and ***View*** (Road, Aerial, Full Screen, and Traffic).
- ***Directions*** allows you to enter a start and end point for the current city to get driving directions.
  - Enter starting and ending locations and press ***Route*** (left softkey) to begin receiving the directions.
- ***Traffic*** provides a dynamic view of traffic conditions that is updated every two minutes for the currently selected city.
  - Press ***Menu*** (right softkey) to access options such as ***Zoom Out***, ***Zoom In***, and ***View*** (Road, Aerial, Full Screen, and Traffic).
- ***Movies*** displays a listing of showtimes and locations for movies showing within the selected area.
  - Use your navigation key to select either the Movies tab or the Theaters tab.
  - Scroll to a movie or theater and press  to get more information.

Using the RSS Reader

An RSS (Really Simple Syndication) reader is a software application that resides on your device and obtains syndicated Web content such as news headlines, and blogs from different locations and displays them to you in an easy-to-view stream on your display screen.

1. Press ***Start*** > ***All Programs*** > ***RSS Reader***.
2. Press ***Menu*** (right softkey) > ***Update all***. (This updates the RSS feeds to all current categories.)

3. Press *Done* (left softkey) when updating has ended to return to the RSS Reader - Feeds screen. (Each RSS entry is listed with the number of feeds currently available for that entry.)

Creating a New Folder

1. Press *Menu* (right softkey) >*Edit*>*New folder*.
2. Enter a name for the new RSS folder and press *OK* (left softkey).

Adding a New Feed

1. Press *Menu* (right softkey) >*Edit*>*New feed*.
2. Enter the RSS URL for the feed, assign a folder location for the newly created feed, and press *OK* (left softkey).

Deleting a Current Feed

1. Within a category, select a feed.
2. Press *Menu* (right softkey)>*Edit*>*Delete*.
3. Read the confirmation screen and press *Yes* (left softkey) to delete the selected feed or *No* (right softkey) to cancel the operation.

Moving a Feed to Another Folder

1. Within a category folder, select a feed.
2. Press *Menu* (right softkey) >*Edit*>*Move*. (The selected field should now be highlighted.)
3. Move the navigation key up or down to relocate the feed to a new folder and press *Done* (left softkey).

Searching for Feeds

1. Select a category folder.
2. Press *Menu* (right softkey) >*Feed search*.
3. Enter a keyword to search.
4. Press *Search* (left softkey) to start. (Multiple search engines will search on your keyword and return any searches that match your criteria.)
5. Select a search result from the list and press *Add* (left softkey) to insert it into the currently selected folder.

Using Internet Sharing

Internet Sharing lets you use your device as a modem to connect your computer to the Internet from anywhere on the Sprint National Network. This feature works by using either a direct USB or wireless Bluetooth connection to your computer.

Internet Sharing requires a Phone As Modem service plan. Please contact Sprint Customer Service to add this plan to your account before using this feature.

Important	*Prior to using your device for Wireless Modem communication, you must first register and activate an active data services plan with Sprint. To obtain this service plan, please contact Sprint Customer Service*

1. Make sure you have the latest USB driver installed on your computer.
   - See “Connecting with Your Computer” on page 148.
2. Press ***Start*** > ***All Programs*** > ***Internet Sharing***.
3. Use either the navigation key or thumbwheel to scroll to the ***PC Connection*** field and then select either ***USB*** or ***Bluetooth PAN***.
   - The Network Connection field cannot be altered and should read ***Phone as Modem***.

Note	*If you chose* **USB** *above, any current ActiveSync activity will stop.*

4. Press ***Connect*** (left softkey) to establish an Internet connection.
   - Confirm the connection by launching your computer’s Web browser and going to a Web address that you know is valid (for example, ***www.yahoo.com***, ***www.google.com***, or ***www.msn.com***).

Synchronizing with ActiveSync

- *ActiveSync Requirements*
- *Synchronization Overview*
- *Setting Up and Configuring ActiveSync*
- *Connecting with Your Computer*
- *Setting up Windows Media Player Sync Options*
- *Synching Music via Windows Media Player*
- *Creating a Custom Ring Tone*

Your device features a built-in ActiveSync® utility that allows you to synchronize data between your computer and your device. This software helps keep Contacts, Calendar, Tasks, or Inbox data up-to-date.

This section details how to set up and make the most of your ActiveSync features.

ActiveSync Requirements

The computer to which you install ActiveSync (v4.5 or higher) must meet the following hardware and software requirements:

- Operating system: Microsoft Windows XP with SP1 or later, Windows 2000 with SP4, Windows XP Tablet PC Edition, or Windows Server 2003.
- Web browser: Microsoft Internet Explorer 6 or later (required)
- Storage: Hard-disk drive with 12 to 65 MB of free space. (Actual requirements will vary depending on features selected and system configuration.)
- I/O Port: USB port (1.0 or higher)
- Optical drive: CD-ROM drive
- Video card: VGA graphics card or compatible video graphics adapter supporting 256 colors or more.

Installing ActiveSync on Your Computer

1. Insert the Software Installation CD into your computer's disc drive.
2. Click the ***Setup and Installation*** link from the onscreen disc menu.
3. Click the ***Install*** button to begin the installation of the ActiveSync application to your computer.
   - You can also download the latest version of Microsoft® ActiveSync from the Microsoft site at: ***http://www.microsoft.com/windowsmobile/en-us/help/synchronize/device-synch.mspx.***

Note	*If the ActiveSync option is grayed out, you may have the application already installed. It is recommended that you uninstall any previous version prior to completing this new installation.*

4. Launch the setup program and follow the onscreen instructions.

At the end of the installation process, you will see an ActiveSync icon in your taskbar.

- Synchonization will begin automatically the first time your device is connected to your computer.
- All selected synchronization items will be copied from your computer to your device and Windows Explorer will create a shortcut to the Mobile drive.

Synchronization Overview

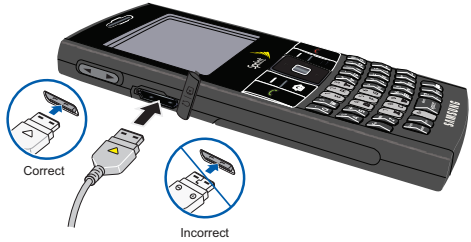
Once you begin the synchronization process (by connecting your device to your computer) the Microsoft ActiveSync window should automatically open.

Your device will remain connected to the computer after synchronization is complete. If any selected content is changed on your computer (new email, photos, playlist updates, etc.) Microsoft ActiveSync automatically resyncs the information on the device. You can open the device's file directory in ActiveSync on your computer by clicking ***Tools > Explore Smartphone*** from the ActiveSync main menu. You can then copy files quickly and easily from the device to the computer, or vice versa.

Setting Up and Configuring ActiveSync

Your computer can assign a different profile to each device that is connected to it via the ActiveSync application.

1. Right-click the ActiveSync icon found in your computer's taskbar and select the ***Connection Settings...*** option.
2. Make sure the following options are checked and click ***OK***:
   - ***Allow USB Connections***
   - ***Open ActiveSync when my device connects***
3. Connect one end of the USB data cable (included with your device) into the USB port on your computer.
4. Connect the other end into the Power/Accessory Interface Connector. (The Synchronization Setup Wizard will launch on your computer and prompt you to set up a sync partnership with the device.)



Configuring ActiveSync Options

1. From the initial Synchronization Setup Wizard, click ***Next*** to begin the setup process.
2. If you do not use Microsoft Exchange®, skip to step 3.
   To set up an Exchange Server connection, complete the following steps. (For more information, please see the Set Up Your Email guide included with your device.)
   - Check the box in the ***Synchronize directly with a server running Microsoft Exchange*** field and click ***Next***.

Note	*The information in these fields is case-sensitive. Some fields may have already been filled in by your device upon connection.*

   - Enter an Exchange ***Server Address*** (also known as the Outlook Web Access server address).
   - If your server requires an encrypted connection, check the box for "This server requires an encrypted (SSL) connection."
   - Enter your ***User name***, ***Password***, and ***Domain*** information.
   - To enable automatic email synchronization, check the box for ***Save password***.
   - Click ***Next*** to continue
3. From the Synchronization Options screen, check all information types you would like to synchronize with your device and your computer. (***Contacts***, ***Calendar***, ***E-mail***, ***Tasks***, ***Favorites***, ***Files***, and ***Media***.)
4. Click ***Next*** to continue.
5. Check the box for ***Allow wireless data connections*** if you would like to allow this connection type (usually disabled if your device is using an active USB connection), and click ***Next***.
6. Click ***Finish*** to complete the setup process and establish the partnership. ActiveSync will save the settings and begin synchronizing your device with your computer based on those settings.

Note	*Media synchronization can require that you launch Windows Media Player to finish the process of setting up the partnership.*

Connecting with Your Computer

You can connect the device to your computer by one of two methods:

- Using a USB cable (page 147).
- Using a Bluetooth connection (requires a COM port assignment).

Using Bluetooth with ActiveSync

1. Ensure that your computer's Bluetooth radio is turned on and visible.
   - Your Bluetooth device will occupy a COM port when actively in use on a USB port.

Note	*The Bluetooth transmitter should be connected to an available USB port. Refer to the Bluetooth device's manual for specific setup and configuration instructions.*

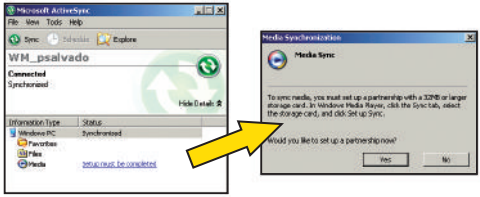
2. Pair your device and your computer.
   - Press ***Start*** > ***All Programs*** > ***Settings*** > ***Connections*** > ***Bluetooth***.
   - Select ***Add new device...*** and press . (See "To pair your phone with another Bluetooth device:" on page 131.)
3. Right-click the ActiveSync icon found in your taskbar and select the ***Connection Settings*** option.
4. Check the ***Allow connections to one of the following*** option and choose the COM port used by your Bluetooth device from the drop-down list.
5. Ensure that the ***Open ActiveSync when my device*** option is checked, and click ***OK***.
6. Right-click the ActiveSync icon found on your computer's taskbar and select the ***Connection Settings*** option.
7. Click ***Connect...*** to initiate the wireless synchronization process.

Setting up Windows Media Player Sync Options

If you choose to synchronize multimedia files (pictures, video, and music), you will need to set up a sync partnership between your device and your computer's Windows Media Player.

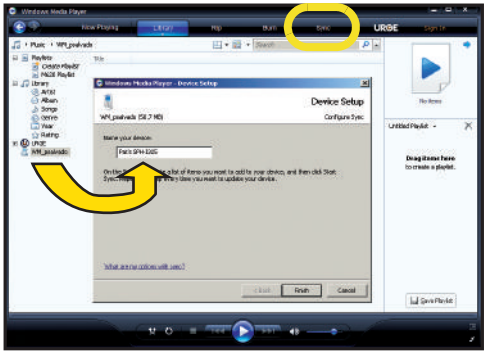
It is recommended that you have the latest version of Windows Media Player installed. (You can verify this by clicking ***Help > Check for Updates...*** from the Media Player menu.)

1. From within the Synchronized items field (adjacent to the Media entry) click the ***Setup must be completed*** link.



2. In the pop-up dialog box, click ***Yes*** to begin the setup process.
3. Launch Windows Media Player. (Your device appears within the left pane.)

4. Click on the ***Sync*** tab to launch the partnership process.



- If the Device Setup screen (shown above) does not appear, right-click on the phone icon (left pane) and select ***Setup Sync...***

5. Enter a new name for the device (as it will appear within the Windows Media Player's left pane) and click ***Finish***.

Synching Music via Windows Media Player

1. Click on any of the available library categories (such as Artist, Album, or Songs) to display a list of all current music files detected by Windows Media Player.
   - For the purpose of this section, ***Artist*** has been selected.

Note	*Songs that are copy-protected (DRM protection) will not be transferred and can result in a transfer error message.*

2. Select a song and drag it to the Sync List section of the application (right pane). (The available memory indicator will change depending on the size of the selected song.)



3. When you have finished selecting songs, click ***Start Sync*** to begin the upload process from your computer to your device's Music folder.
   - If this list is later updated on your computer, it will be updated on your device during the next synchronization session.

Creating a Custom Ring Tone

You can create your own custom ring tones by using ActiveSync to copy compatible music files to your device.

1. From within the ActiveSync dialog, select the onscreen ***Explore*** button.
2. Select a compatible audio file (MP3 or M4a without DRM) and copy it to the ***My Windows Mobile-Based Device\Application Data\Sounds*** folder.
3. If prompted, select ***OK*** to allow conversion of the copied file for compatibility with your device. (The ring tone will now be available from the Ring tone field.)
4. Press ***Start*** > ***All Programs*** > ***Settings*** > ***Sounds*** > ***Ring Tone***.
5. Press [ ], highlight the newly added ring tone from the list, and press ***Done*** (left softkey).

Section 3

Sprint Service

Sprint Service Features: The Basics

- *Using Voicemail*
- *Using SMS Text Messaging*
- *Using Caller ID*
- *Responding to Call Waiting*
- *Making a Three-Way Call*
- *Using Call Forwarding*

Now that you've explored your phone's fundamentals, it's time to learn about the calling features that enhance your Sprint service. This section outlines your basic Sprint service features. (For more information on email setup and usage, please see the Set Up Your Email guide included with your device.)

Using Voicemail

Setting Up Your Voicemail

All unanswered calls to your device are automatically transferred to your voicemail, even if your device is in use or turned off. Therefore, you will want to set up your Sprint Voicemail and personal greeting as soon as your device is activated.

1. Press and hold 1.
2. Follow the system prompts to:
   - Create your passcode.
   - Record your name announcement.
   - Record your greeting.
   - Choose whether to activate One-Touch Message Access (a feature that lets you access messages simply by pressing and holding 1, bypassing the need for you to enter your passcode).

Note	Voicemail Passcode *If you are concerned about unauthorized access to your voicemail account, Sprint recommends that you enable your voicemail passcode (do not activate One-Touch Message Access).*

Voicemail Notification

There are several ways your device alerts you to a new message:

- By sounding the assigned ringer type.
- By displaying  at the top of the Home screen.

New Voicemail Message Alerts

When you receive a new voice message, your device alerts you and prompts you to call your voicemail.

To display your Missed Log:

- Press  once

  – or –

  Press *Start* > *All Programs* > *Call History*.

Retrieving Your Voicemail Messages

You can review your messages directly from your wireless device or from any other touch-tone device.

Note	*When you are roaming off the Sprint National Network, you may not receive notification of new voicemail messages. It is recommended that you periodically check your voicemail by dialing 1 + area code + your wireless phone number. When your voicemail answers, enter your passcode. You will be charged roaming rates when accessing voicemail while roaming off the Sprint National Network.*
	Your device accepts messages even when it is turned off. However, you are notified of new messages only when your device is turned on and you are in a Sprint service area.

Note	*You are charged for airtime minutes when you are accessing your voicemail from your wireless device.*

Using One-Touch Message Access

- Press and hold 1 E.

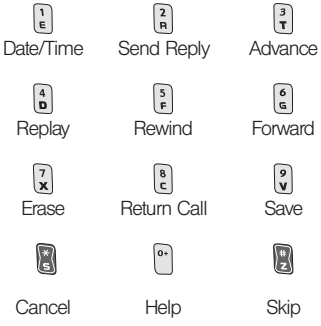
Using Another Device to Access Messages

1. Dial your wireless phone number.
2. When your voicemail answers, press *.
3. Enter your passcode.

Tip	*When you call into voicemail, you first hear the header information (date, time, and sender information) for the message. To skip directly to the message, press* **4** *during the header.*

Voicemail Key Guide

Here's a quick guide to your keypad functions while listening to voicemail messages. For further details and menu options, see "Voicemail Menu Key" on page 159.



Voicemail Options

Your device offers several options for organizing and accessing your voicemail.

Using Expert Mode

Using the Expert Mode setting for your personal voicemail box helps you navigate through the voicemail system more quickly by shortening the voice prompts you hear at each level.

1. Press and hold 1 to access your voicemail. (If your voicemail box contains any new or saved messages, they will play automatically.)
2. Press 3 to change your Personal Options, following the system prompts.
   - Press * to access the main voicemail menu.
3. Press 3 for Expert Mode.
4. Press 1 to turn Expert Mode on or off.

Setting Up Group Distribution Lists

Create up to 20 separate group lists, each with up to 20 customers.

1. Press and hold 1 to access your voicemail.
2. Press 3 to change your Personal Options, following the system prompts.
   - Press * to access the main voicemail menu.
3. Press 1 for Settings.
4. Press 5 for Group Distribution Lists.
5. Follow the voice prompts to create, edit, rename, or delete group lists.

Sprint Callback (Return Call)

Return a call after listening to a message without disconnecting from voicemail.

Press 8 after listening to a message. (Once the call is complete, you're returned to the voicemail main menu.)

Voicemail-to-Voicemail Message

Record and send a voice message to other Sprint Voicemail users.

1. From the main voicemail menu, press 2 R to send a message.
2. Follow the voice prompts to enter a phone number.
3. Follow the voice prompts to record and send your voice message.

Voicemail-to-Voicemail Message Reply

Reply to a voice message received from any other Sprint Voicemail user.

1. Press and hold 1 E to access your voicemail.
2. Press 1 E to listen to your new voicemail.
3. After listening to a voice message, press 2 R.

Follow the voice prompts to record and send your reply.

Voicemail-to-Voicemail Message Forwarding

Forward a voice message, except those marked "Private," to other Sprint Voicemail users.

1. Press and hold 1 E to access your voicemail.
2. After listening to a message, press 6 G.
3. Follow the voice prompts to record your introduction to the message and forward the voice message.

Voicemail-to-Voicemail Receipt Request

Receive confirmation that your voice message has been listened to when you send or forward messages to, or reply to messages from other Sprint users.

1. After you have recorded a message, press 2 R to listen to the message and indicate that you are satisfied with the message you recorded.
2. Press 5 F for more options.
3. Press 3 T to mark receipt requested.
4. Press 1 E to send your voicemail message.

Extended Absence Greeting

When your device is turned off or you are off the Sprint National Network for an extended period, your device can play this greeting instead of your normal personal greeting.

1. From the main voicemail menu, press 3 T for Personal Options.
2. Press 2 A for Greetings.
3. Press 3 T to create an Extended Absence Greeting.
4. Follow the voice prompts to record your greeting and press #.

Voicemail Menu Key

Following the prompts on the voicemail system, you can use your keypad to navigate through the voicemail menu. The following list outlines your device's voicemail menu structure.

- 1 E Listen
  - 1 E Date and Time Information
  - 2 A Send a Reply Message
  - 3 T Advance a Few Seconds
  - 4 D Replay
  - 5 F Rewind a Few Seconds
  - 6 G Forward Message
  - 7 X Erase
  - 8 C Return This Call
  - 9 W Save
  - 0+ Options
  - # Skip to the Next Message

- 2 R Send a Message
- 3 T Personal Options
  - 1 E Settings
    - 1 E Skip Passcode
    - 2 R Autoplay
    - 3 T Play Back Date, Time, and Caller Info.
    - 4 D Change Passcode
    - 5 F Group Distribution Lists
    - 6 G Numeric Paging
    - MENU OK Return to Personal Options Menu
  - 2 R Greetings
    - 1 E Personal Greetings
    - 2 R Name Announcement
    - 3 T Extended Absence Greeting
    - MENU OK Return to Personal Options Menu
  - 3 T Expert Mode
- 8 C Place a Call
- MENU OK Exit

Using SMS Text Messaging

With SMS Text Messaging, you can send and receive instant text messages between your device and another messaging-ready device. When you receive a new message, it will alert you by sounding the assigned ringer type and then displaying the SMS icon () at the top of your screen.

In addition, SMS Text Messaging includes a variety of preset messages, such as “I’m running late, I’m on my way,” that make composing messages fast and easy. Use your device to customize your own preset messages (up to 160 characters).

Composing SMS Text Messages

1. Press *Start* > *All Programs* > *Messaging* > *Text Messages*.
2. Press *Menu* (right softkey) > *New*.
3. Enter the first few characters of a Contacts entry's name and from the list of matching entries, select an entry and press [ ].



– or –

Press *Menu* (right softkey) > *Add Recipients*, select a Contacts entry, and press [ ]. (You may include an unlimited number of recipients per message.)

4. Press *Menu* (right softkey) > *Check Names*. Recipient names currently used within the *To* field will be verified against the current Contacts list.
   - *Contacts* to select a recipient from your Contacts list (qualifying Contacts entries must contain a wireless phone number).
   - *Mobile phone number* to manually enter a wireless phone number that is not in Contacts.

Note *Use semicolons to separate multiple recipients.*

5. Enter a message or choose one of the preset messages available within the My Text area.
   - To use a preset message, press *Menu* (right softkey) > *My Text*, select a message, and press *Insert* (left softkey).
   - You can have any combination of both preset messages and text within your message.

Note *There is a 160-character limit for text messages. No pictures can be attached to SMS text messages.*

6. Review your message and select additional messaging options by pressing *Menu* > *Message Options* and checking boxes for any options you wish to enable.
   - *Request message delivery notifications* notifies you when the message has been successfully delivered.
   - *Priority* assigns a priority to the outgoing message (*Normal* or *High*).
   - *Send a callback number* sends your callback number as part of the outgoing text message.
   - *Callback number* allows you to either use your default phone number or a different number.
7. Press *Done* (left softkey) to return to the main message.
8. Press *Send* (left softkey) to deliver your message.

Accessing SMS Text Messages

To read an SMS Text message:

When you receive a text message, it will be displayed automatically on your device's screen ( ).

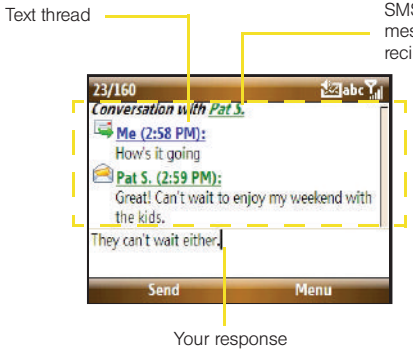
1. Use your navigation key or thumbwheel to select the *SMS* option from the Message Access section, and press .
2. Select the message from the list and press .



Text Message and Email Quick Access

To reply to an SMS Text message:

1. While the message is open, begin typing a reply.



2. Compose your reply or use a preset message.
   - To type a message, use the keypad to enter your message.
   - To use a preset message, press ***Menu*** (right softkey) **>*My Text***, highlight a message, and press ***Insert*** (left softkey).
3. Review your reply and press ***Send*** or press . (Select additional messaging options by pressing ***Menu*** [right softkey] **>*Message Options*.**)
   - Once your receive a response, the recipient's name and time of the message are color-coded, and their response is then displayed below your previous text message.
   - Repeat steps 2 -3 to continue the text thread (conversation).

To stop an SMS Text message conversation:

1. Press ***Start*** **>** ***All Programs*** **>** ***Messaging*** **>** ***Text Messages*.**
2. With the text thread (conversation) still open, press ***Menu*** (right softkey) **>*Close*.** (This stops the current conversation. If another text message is received from the same recipient and you respond to it, it becomes a new SMS text conversation.)

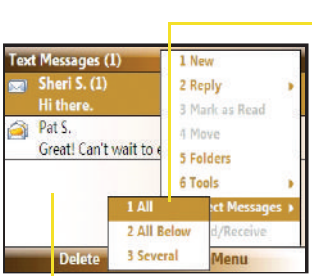
To delete multiple SMS Text messages:

1. Use your navigation key or thumbwheel to select the *SMS* option from the Message Access section, and press [ ].

   – or –

   Press *Start* > *All Programs* > *Messaging* > *Text Messages*.

2. Press *Menu* (right softkey) > *Select Messages*.



3. Select one of the following options:
   - *All* highlights every item in the current list.
   - *All Below* highlights only those items in the list below the currently selected list item. This option is grayed out (unavailable) if there is nothing below the currently highlighted list item.
   - *Several* allows you to use your navigation key or thumbwheel to manually highlight list items.
4. Press *Delete* (left softkey) > *Yes* (left softkey).

Using Preset Messages

Preset messages make sending text messages to your friends, family, and co-workers easier than ever. ***My Text*** messages let you quickly insert commonly used phrases into the body of a new message or a reply to a message.

To add a preset message to a text message:

1. While the message is open, position the cursor to where you would like the preset message to go.
2. Press ***Menu*** (right softkey) **>*My Text***.
3. Highlight a message to insert, and press ***Insert*** (left softkey).

To edit a preset message:

- Select an existing preset message and press ***Menu*** **>*Edit My Text*** and use the keypad to edit or replace the message and press  . (See “Entering Text” on page 38.)

To delete a preset message:

1. Select a preset message from the list and press ***Menu*** (right softkey) **>*Edit My Text***. (The entire messages is highlighted.)
2. Press and hold  to delete the message.
3. Press ***Done*** (left softkey) to complete the deletion, or press ***Cancel*** (right softkey) to cancel the deletion.

Using Caller ID

Caller ID allows people to identify a caller before answering the device by displaying the number of the incoming call. If you do not want your number displayed when you make a call, follow these steps.

1. Press  .
2. Enter the number you want to call.
3. Press  .

To permanently block your number, call Sprint Customer Service.

Responding to Call Waiting

When you're on a call, Call Waiting alerts you to incoming calls by sounding two beeps. Your device's screen informs you that another call is coming in and displays the caller's device number (if it is available and you are in digital mode).

To respond to an incoming call while you're on a call:

- Press . (This puts the first caller on hold and answers the second call.)

To switch back to the first caller:

- Press again.

Tip	*For those calls where you don't want to be interrupted, you can temporarily disable Call Waiting by pressing* ****70*** *before placing your call. Call Waiting is automatically reactivated once you end the call.*

Making a Three-Way Call

With Three-Way Calling, you can talk to two people at the same time. When using this feature, the normal airtime rates will be charged for each of the two calls.

1. Enter a number you wish to call and press .
2. Once you have established the first connection, press and wait for a dial tone. (This puts the first caller on hold and dials the second number.)
3. Dial the second number you wish to call and press .
4. When you've connected to the second party, press again to begin your three-way call.

If one of the parties in the current call hangs up, you and the remaining caller still remain connected.

If you initiated the call and are the first to hang up, all other callers are disconnected.

Using Call Forwarding

Call Forwarding lets you forward all your incoming calls to another phone number – even when your device is turned off. You can continue to make calls from your device when Call Forwarding is activated.

Note	*You cannot forward your calls to an international number.*

To activate Call Forwarding:

1. Press  .
2. Enter the area code and phone number to which your future calls should be forwarded.
3. Press  . (You will see a message and hear a tone to confirm the activation of Call Forwarding.)

To deactivate Call Forwarding:

- From your device, press  . (You will see a message and hear a tone to confirm the deactivation.)

Note	*You are charged a higher rate for calls you have forwarded.*

Software Store and TV

- *Using the Sprint Software Store*
- *Your Sprint TV Channel Options*
- *Playing a Video or Audio Clip*
- *Sprint TV FAQs*

With your Samsung ACE™, you have access to a dynamic variety of Premium Services content, such as downloadable Games, Ringers, Screen Savers, and other applications. Sprint TV gives you the ability to listen to audio clips and to view video clips right from your device's display. It's a great way to stay up-to-date on news, weather, and sports information while also enjoying the latest movie trailers or music videos – anywhere, anytime on the Sprint National Network.

This section explains the basic steps required to access and download Premium Services content and the features and options of your device's Sprint TV capability.

Using the Sprint Software Store

The Sprint Software Store provides quick and easy access to a variety of applications, games, ringers, and screen savers directly from within your device.

1. Press *Start* > *All Programs* > *Software Store* and press [OK].
2. Use the navigation key or thumbwheel to select an entry from the list and press [OK].
   - *Applications*: to purchase, upload and then install a selected application onto your device.
   - *Games*: to purchase mobile device game software such as Frogger® and Tetris®.
   - *Ringers*: to purchase and upload ringers.
   - *Screen Savers*: to purchase and upload images to use as your device's screen saver.

Your Sprint TV Channel Options

The Sprint TV application offers a wide variety of accessible channels. Subscription options include comprehensive basic packages as well as a full menu of “a la carte” channels. Visit ***www.sprint.com*** for more information on channels and pricing.

Note	*Available categories and content are subject to change.*

Some of the available categories may include:

- Sprint Radio
- Sprint PowerView
- Primetime TV
- Music Videos
- Sprint TV Live
- Music & Radio
- Sports
- Entertainment
- Cartoons
- News & Weather
- Movies & Shorts

Playing a Video or Audio Clip

1. Press ***Start*** > ***All Programs*** > ***Sprint TV.*** Depending on your settings, you may be asked to accept a data connection.
2. If you are prompted to acknowledge the connection to the Sprint Network, press [ ] (to note show the message again) and then press ***Continue*** (right softkey).
   - If you are asked to upgrade your Sprint TV software, press ***Yes*** (left softkey) to install the necessary files into the default ***My Documents*** folder.
   - If you are prompted with a ‘Continue Installation?’ message, press ***Yes*** (left softkey).
   - Follow the onscreen instructions to complete the update process.
3. Select ***Sprint TV***, ***More Channels***, or ***Sprint TV En Vivo*** to display channel options.

4. Use your navigation key and press ◯ to select a channel from the Sprint TV listings or to select an available category.

Note	*The first time you access a channel, you will be prompted to purchase access (unless the channel doesn't have a monthly fee). Select* **Subscribe** *to purchase access, or select* **Preview** *to view a preview of the selected channel.*

5. If applicable, select a clip and press ◯ to download the view the program. The clip will automatically begin playing once the download is complete.

Tip	*While you are playing a clip, you can press the navigation key up and down to surf to a different channel. A small pop-up screen will be displayed that tells you which channel you are watching as well as other channels that you have access to. Use the navigation key to scroll through the channels. Once you find a channel that you want to watch or listen to, scroll to it and press ◯ (or simply wait approximately three seconds), and the channel will begin loading.*

Sprint TV FAQs

1. ***Will I know if I'm receiving an incoming call while I'm viewing or listening to a media clip?***

   Yes. Your selected media will pause and an onscreen message will launch asking if you would either like to Accept the incoming call or Ignore it, which then routes the incoming caller to your voicemail. Once the call has been ended, your previous media program will resume playback.

2. ***How long are the clips? Will I know the estimated time it will take to play the clip prior to accessing it?***

   Once you have selected a channel, you will see a listing of the available clips, with each clip's length displayed after the clip's title. In general, a clip's duration will depend on the story or content being provided, and can be fairly short or as long as a few minutes.

3. *Can I access a clip wherever I am, as long as I have my device?*

   As long as you are on the Sprint National Network, you will have access to the audio and video clips.

Note	*Sprint TV Service does not work while roaming off of the Sprint National Network or where service is unavailable.*

4. *Are the videos that I'm viewing "live" videos?*

   It depends on the content provider. Some of the channels available through Sprint TV stream live content. Others provide media on demand with video and audio clips that are refreshed throughout the day, but that are not "live."

5. *After purchasing access to an Available Channel for a monthly fee, do I receive any confirmation? That is, how do I know it has been purchased?*

   The next time you access the channel, you bypass the ***Preview/Purchase*** page and go directly to the available content.

6. *If I don't subscribe to a data service plan, will I still be able to view the Sprint TV clips?*

   Yes. For service access charges, please consult your Sprint service plan or visit ***www.sprint.com***.

7. *What does it mean when the video pauses and I see the word "loading" at the bottom of the screen?*

   This happens when the device is loading the data necessary to play the clip. It typically occurs when there is heavy traffic on the network.

8. *How can I cancel service if I decide I don't want it?*

   To cancel your Sprint TV service, visit ***www.sprint.com*** and sign on to ***My Sprint Wireless*** with your account number and password. From this page, you have the ability to cancel the service or any channels to which you subscribe.

9. *Can I surf to a different channel while I am playing a clip?*

   Yes. While you are playing a clip, you can use the up and down navigation keys to surf to a different channel. A small pop-up screen will be displayed that tells you which channel you are watching as well as other channels that you have access to. Use the navigation keys to scroll through the different channels. Once you find a channel that you want to watch, scroll to it and press  (or simply wait approximately three seconds), and the channel will begin loading.

Section 3C

Sprint Worldwide Wireless Service

- *Your SIM Card*
- *Using Your Device in GSM Mode*
- *Using Your SIM Card's PhoneBook*
- *Setting GSM Services Options*
- *Contacting Sprint*
- *Services*
- *Selecting a Network*

Your device allows you to roam throughout the world using both CDMA (Code Division Multiple Access) and GSM (Global System for Mobile Communications) networks. For a complete list of countries and features available, visit *www.sprint.com/international*.

Your SIM Card

Your device comes with a preinstalled SIM (Subscriber Identity Module) card to support roaming on compatible GSM networks. The SIM card must be activated for international wireless service prior to its initial use (outside of the United States).

To activate Sprint Worldwide service:

- Call Sprint Worldwide Customer Service at *1-888-226-7212, option 2*.

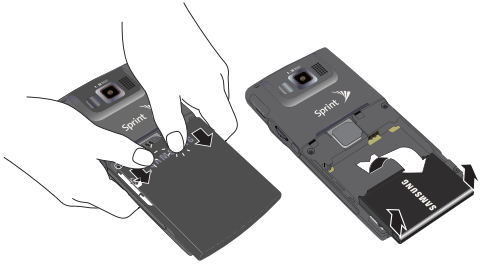
For more help with Sprint Worldwide international setup, press ***Start > All Programs > International Usage*** (using the navigation key as needed to scroll through icons) to display a brief set of onscreen GSM setup instructions.

Note	*Your SIM card should be preinstalled. If you need to reinstall your SIM card, see "Removing Your SIM Card" on page 173. The SIM card included with your device contains information specific to your device and should be retained with the device for use on GSM networks.*

Removing Your SIM Card

The SIM card comes preinstalled but can be removed if necessary.

1. Remove the battery cover.
   - Press down with thumbs as indicated below.
   - While applying pressure, slide cover away from the camera lens (as shown below).



2. Remove the battery to gain access to the SIM card slot.
3. Carefully remove the SIM card from the slot (shown below).



4. Reinstall the battery.
   - Insert the battery into the opening on the back of the device, making sure the connectors align. Gently press down to secure the battery.
   - Position the battery cover and firmly slide it in until you hear a click.

5. Press to turn the device on.
   - Your device will turn on, search for Sprint service, and then enter standby mode.
   - If your device is not yet activated, or if it is locked, see “Activating Your Device” on page 5 for more information.
   - If your device does not detect a SIM card while in GSM mode, it will display in the upper-right corner of the Home screen.



Note *Your device’s battery should have enough charge to turn on, find a signal, set up your voicemail, and make a call. You should fully charge your battery as soon as possible. See “Charging the Battery” on page 26 for details.*

Using Your Device in GSM Mode

Note *Sprint offers voice service on CDMA networks in nearly 40 countries around the world; accessing service in these countries is as simple as powering on your device. Call Sprint Worldwide Customer Service before your trip to verify your service allows for international dialing. In countries where CDMA service is not available you will need to access a GSM network.*

Entering GSM Mode

Once you have installed the SIM card, your device may be used in GSM mode on GSM networks while traveling internationally. To operate on international GSM networks, you need to switch the device from CDMA (default) mode to GSM mode.

To enter GSM mode from CDMA mode:

1. Press *Start* > *All Programs* > *Service Mode*. The following options are available in the selection window:
   - *Sprint CDMA*
   - *Int'l GSM*
2. Use the navigation key to select *Int'l GSM* and then press *Apply* (right softkey). A Confirm Reset screen appears asking if you wish to change phone modes.
   - Type 'yes' in the text box and press *OK* (right softkey). The device will power off and then restart in GSM mode.

Note	*While in the United States, your device will operate only in CDMA mode; domestic GSM networks will not be accessible via this device.*

Making and Answering Calls in GSM Mode

When traveling on international GSM networks while in GSM mode, you can place and answer calls the same as in CDMA mode. See "Making and Answering Calls" on page 29. Certain features and services are not available in all countries.

Visit *www.sprint.com/international* for more information on services that are available while roaming.

Calling Emergency Numbers in GSM Mode

When traveling on international GSM networks while in GSM mode, you can place calls to emergency services (even if your account is restricted or Call Barring is active.)

To place calls to emergency services:

- Press 1 E 1 E 2 R .

Using Plus (+) Code Dialing

Placing calls from one country to another country is simple with the Plus (+) Code Dialing feature. When placing international calls, you can use Plus Code Dialing to automatically enter the international access code for your location (for example, 011 for international calls placed from the United States).

To use Plus Code Dialing to place an international call:

1. Press and hold 0+ until a "+" is displayed on the device's display screen.
2. Enter the country code, city code or area code, and the phone number you're calling, and then press .
   (The access code for international dialing will automatically be dialed, followed by the country code, city or area code, and the phone number.)

Direct Dial

To place an international call by dialing direct:

- Dial the international access code, the country code, the city or area code, and the phone number, and then press to send the call.

Making Calls Within a Country (Local or Long Distance Dialing)

The steps for placing an international call within the same country are identical to those for calling country-to-country, except it is not necessary to enter the country code.

Calling the United States from Another Country

To place a call to the United States from another country:

1. Press and hold 0+ to display the "+" symbol. The "+" symbol automatically inserts the exit code for the country from which you are calling.
2. Press 1 E to insert the U.S. country code, and then enter the area code and number.
3. Press to finish dialing the number.

Calling Other Countries

To place from one country to another country:

1. Press and hold 0+ to display the "+" symbol. The "+" symbol automatically inserts the exit code for the country from which you are calling.
2. Enter the country code of the person you are calling.
3. Enter the area code without the leading zero, followed by the number of the person you are calling and press .

Retrieving Voicemail Messages

Your device uses the same Voicemail box for both Sprint CDMA and GSM modes.

To retrieve voicemail messages:

1. Dial the international access code (or if in GSM mode, press and hold 0+ until a "+" symbol appears on your device display).
2. Enter 1 E followed by your 10-digit phone number.
3. When you hear the voice greeting, press * S and enter your password, followed by # Z.

International Data Roaming

Sprint Worldwide Wireless Service can also keep you connected via email and Web browsing when traveling in countries in which Sprint offers data service. Data services are available on both CDMA and GSM networks; check ***www.sprint.com/international*** to determine the services available where you are traveling.

Note	*Prior to using your Sprint Worldwide GSM Data Services, you must establish and utilize your CDMA data services domestically on the Sprint National Network.*

Getting Started with Data Services

Before you can use Sprint Worldwide Data Services, you must first have these services activated on your account.

- To activate, call Sprint Worldwide Customer Service at ***1-888-226-7212, option 2***. Representatives are available 24 hours a day, 7 days a week to assist you.

Once your services are activated, you may need to select a GSM data services provider for the country you're in. (See "Selecting a Network" on page 183.)

Accessing Your Email and Data Services on CDMA Networks

If data service is available on a CDMA network, then you only need to set the phone to ***CDMA*** mode; you will not need to select the specific carrier. See "Using Your Device in GSM Mode" on page 174.

Selecting a specific carrier is necessary only for providers on the GSM network. If your device has automatically selected a GSM network while traveling, you will need to set the device to CDMA to access CDMA data services.

Visit ***www.sprint.com/international*** for a list of services available for each country.

Using Your SIM Card's PhoneBook

Your SIM card contains its own phone book that is separate from your device's internal Contacts list. You can update and maintain the SIM PhoneBook whenever your device is in GSM mode, even if you are not in a GSM service area.

Note	*Your device must be in GSM mode for you to access the SIM card.*

Note	*While the phone is in GSM mode, device can edit Contacts stored within both the device and SIM card. While the device is in CDMA mode, the device can not access Contacts stored on the SIM card.*

When saving a Contacts entry to your SIM card, note that only the name and number are saved. Entries stored on the card do not contain any detailed information that may be stored in the device's internal memory. To store additional information for a particular contact, such as email addresses or dates, it is important to save that information to your device's onboard memory.

When a SIM card is active, the Contacts list will then display two types of entries:



Each Contacts entry stored on the SIM card can use only *one* phone number, and the entry's name can be a maximum of 255 characters.

Adding Entries to the SIM PhoneBook

Adding new entries to your SIM PhoneBook is similar to adding entries to the device's internal Contacts list.

To add a new SIM card phone book entry:

1. Press *Start* > *All Programs* > *Contacts* > *New* (left softkey) > *SIM Contact*.
2. Enter a name and phone number for the new entry. (See "Entering Text" on page 38.)
3. Press *Done* (left softkey) to store the new entry into the SIM card's Contacts list.

Move or Copy Contacts Entries to the SIM PhoneBook

You can also copy entries from your device's Contacts to your SIM PhoneBook.

To copy Contacts entries to your SIM PhoneBook:

1. Press ***Start*** > ***All Programs*** > ***Contacts***.
2. Press ***Menu*** (right softkey) > ***Copy All***.
3. Select a copy option:
   - ***SIM to Phone*** to copy all your contacts from your SIM Card to your device's onboard memory.
   - ***Phone to SIM*** to copy all your Contacts from your device to your SIM card. Note that only the name and number will be saved to the card.

Note	*The SIM PhoneBook provides three default fields (***Name***, **Phone Number***, and* **Index***). This information is stored on your SIM card to provide information mobility. When phonebook entries are moved or copied to Contacts, all input fields are available for entry; however this information is not stored on the SIM card.*

Deleting All SIM PhoneBook Entries

To delete all SIM PhoneBook entries:

1. Press ***Start*** > ***All Programs*** > ***Contacts*** > ***Menu*** (right softkey) > ***Delete All*** > ***SIM***.
2. Press ***Yes*** (left softkey) to delete all contacts from the SIM card or ***No*** (right softkey) to cancel.

Setting GSM Services Options

There are several user options available for GSM operation under your device's Settings menu, including Call Diverting, Call Barring, Call Waiting, and GSM Network Selection. All these options require that your device be in GSM mode and in a GSM roaming coverage area. (See ***www.sprint.com/international*** for maps showing where international GSM coverage is available, and see "Entering GSM Mode" on page 174.)

Using Call Barring (GSM)

Call Barring allows you to block certain types of incoming and outgoing calls on your device. This would be useful, for example if you allowed someone to use your device for a short period of time.

To activate Call Barring (GSM):

1. Press *Start > All Programs > Settings > Phone > Call Barring.*
2. Follow the onscreen instructions.

Contacting Sprint

Sprint Worldwide Customer Service is available to answer your questions 24 hours a day, 7 days a week. Please call the numbers below if you need assistance.

While in the United States:

- Call *1-888-226-7212, option 2.*

While traveling outside the United States:

- Call *+1-817-698-4199, option 2.*

There is no charge for this call from your Sprint wireless device.

From a landline phone when outside the United States:

Sprint Worldwide Customer Service can be reached from a landline phone at *+1-817-698-4199, option 2.* Access or connection fees may apply. The toll-free numbers below can also be used to contact Sprint Worldwide Customer Service in the following countries.

Country	*From Landline Phone*
Anguilla	1-888-226-7212
Barbados	1-888-226-7212
Cayman Islands	1-888-226-7212
China	00-1-800-713-0750
Dominican Republic	1-888-226-7212
France	0800-903200
Germany	0800-180-0951

Country	From Landline Phone
Italy	800-787-986
Mexico	001-877-294-9003
Trinidad and Tobago	1-800-201-7545
United Kingdom	0808-234-6616

Services

Caller ID

Caller ID displays the number (and name, if in your PhoneBook) of incoming calls. Caller ID in GSM mode must be enabled by the user.

To enable or disable caller ID:

1. Press *Start* > *All Programs* > *Settings* > *Phone* > *Caller ID*.
2. Press *Everyone*, *No one,* or *Only my contacts* and press [ ].

Call Waiting

Call Waiting notifies you of an incoming call even while you're in a call. You can then accept, reject, or ignore the incoming call. Unlike Call Waiting in CDMA mode, Call Waiting in GSM mode must first be activated.

To use Call Waiting Internationally:

Call waiting in GSM mode must first be enabled as follows:

1. Press *Start* > *All Programs* > *Settings* > *Phone* > *Call Waiting*.
2. Place a check mark in the "Provide call waiting notifications" field and press [ ].

Voicemail and Text Messages

To activate voicemail settings:

1. Press *Start* > *All Programs* > *Settings* > *Phone* > *Call Options*.
2. Select the Voicemail number field. The number to call your voicemail is then displayed.

3. To change the number, press and hold  to erase the numbers, then use the keypad to enter a new number and press  .

Note	*This number is automatically set up when you receive your device. You will probably not need to change it unless otherwise instructed by your carrier.*

Selecting a Network

To access your email and browse the Web when traveling, you may need to manually select the carrier that provides Sprint service in your location. You can find a list of carriers for each country where GSM data service is offered at ***www.sprint.com/international***. Then, follow the instructions below to select the appropriate carrier network on your device.

To select a GSM data service for a specific country:

1. Press ***Start*** > ***All Programs*** > ***Settings*** > ***Phone*** > ***More...*** > ***Networks***.
   - The Current Network field displays a description of the currently active network.
2. From the ***Network selection*** field, select ***Automatic*** or ***Manual***.
3. Press ***Menu*** (right softkey) > ***Find a New Network***.
   - If you selected ***Automatic*** in step 2, the system will provide the best available network in your area and then assign it to your device.
   - If you selected ***Manual*** in step 2, you will need to choose from the onscreen list of available networks and then manually make the assignment.
   - Use the navigation key to highlight an available network and press ***Set Networks*** (left softkey). The settings are then sent to the network.
4. Press  to complete the process and save the new settings.

Note	*When traveling, it may be necessary to select a new compatible GSM data service carrier each time you enter a new country.*

Viewing Your Preferred Networks

1. Press *Start* > *All Programs* > *Settings* > *Phone* > *More...* > *Networks*.
   - The Current Network field displays a description of the currently active network.
2. From the *Network selection* field, select *Manual*.
3. Press *Menu* (right softkey) > *Preferred Networks*.

To add a new preferred network:

1. Repeat steps 1 - 3 from "Viewing Your Preferred Networks" to access the Preferred Networks screen.
2. Press *Menu* (right softkey) > *Add*.
3. Use the navigation key to select a new network from the available list and press *Select* (left softkey). (This newly added network then appears on the Preferred Networks screen.)

GPS Navigation

- *Before You Begin (page 185)*
- *Using Sprint Navigation (page 186)*
- *Getting Driving Directions (page 187)*
- *Launching the Product Tour (page 194)*

Sprint Navigation lets you fully use your device's built-in GPS hardware to easily access both directional information and location-ready features such as nearby companies and services. See and hear turn-by-turn directions to a known address, or find nearby stores, banks or gas stations. And get up-to-the-minute information about traffic conditions and alternate routes.

Before You Begin

Sprint Navigation requires that your device's Location setting is activated. Location is set to ***On*** by default.

To turn Location on:

1. Press ***Start*** > ***All Programs*** > ***Settings*** > ***More...*** > ***More...*** > ***Other Settings*** > ***Location***.
2. Press ***OK*** (left softkey).
3. Read the disclaimer and press ***OK*** (left softkey).
4. Select ***Location on*** and press ***Done*** (left softkey). See "Location Settings" on page 51.

Registering for Service

Before you can fully take advantage of the navigation feature, you must first properly register your device.

1. Press ***Start*** > ***All Programs*** > ***Sprint Navigation***.

2. Use the navigation key to select a text box, and then use the keypad to enter the required information.
   - *First Name*, *Last Name*, and *Email Address*.
3. Press *Login* (right softkey) to register your information.
4. Read the warning disclaimer and press *Go* (right softkey) to acknowledge the terms of use.
5. Select *Yes* to take a brief tour of Sprint Navigation's features, or *No* to continue to the main navigation screen.
   - If you wish to take the tour, press *Next* (right softkey) to progress through each page of the tour, or press *Quit Tour* (left softkey) to exit the presentation.

Note *The option to take the Product Tour is displayed only during the initial login to Sprint Navigation. If you would like to take the tour after that, please see* *"Launching the Product Tour" on page 194.*

Using Sprint Navigation

1. Press *Start* > *All Programs* > *Sprint Navigation*.
2. Select an option and follow the onscreen instructions to take advantage of Sprint Navigation's full suite of features.
   - *Drive To* lets you get driving directions from wherever you are to wherever you're going. Choices include:
     - *My Favorites*: user-defined favorite locations.
     - *Recent*: recently entered locations.
     - *Business*: locations based on business categories.
     - *Address*: manually entered street addresses.
     - *Intersection*: used to locate a specific address by using two separate street addresses to identify an intersection.
     - *Airport*: local airports based on current GPS location.

- *Search* lets you search for locations from dozens of options such as food and drink, hotels and motels, banks and ATMs, and parking.
  - Locations can be spelled out, searched from recent locations, or chosen from other categories.
- *Maps & Traffic* provides access to 2D and 3D maps for your current location and for several categories of locations such as airports, intersections, and businesses.
- *Tools & Extras* offers additional options, such as sharing your location with contacts, creating and storing My Favorites locations, accessing the product tour, enabling a real-time compass, and setting detailed application preferences.

Getting Driving Directions

The built-in GPS hardware (when enabled) allows you to get driving directions to selected locations or establishments based on your current location.

Using a Known Address

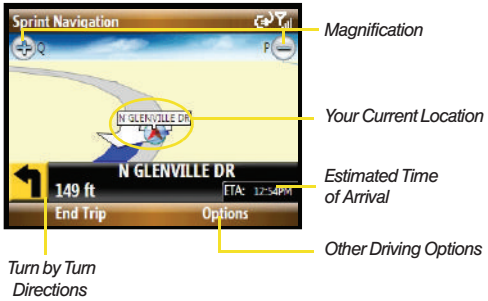
1. Press *Start* > *All Programs* > *Sprint Navigation* > *Drive To* > *Address*.
2. Select *Type It* or *Speak It* and press [ ].
   - *Type It* requires that you enter the physical address using either the keypad or onscreen keyboard.
   - *Speak It* to place a call to the TeleNav™ operator where you will speak the desired address. This is similar to calling 411 for directory assistance. (A fee may be incurred.)
3. If typing in the address, enter the following:
   - *Address*: used to enter a street address.

- *City*: to enter the city for the address.
  - As you enter text, a list of possible city matches appears onscreen. If your target city appears, use your navigation key to highlight it and press [ ].
- *State, ZIP* or *Country:* used to to further restrict your search.

4. Select *Done* to enter the new address and receive driving directions from the GPS network.
5. Follow both the onscreen and audio directions.

Once you have entered your desired location and your device has begun providing you with driving directions, you can alter the information being displayed by using one of three other driving options: *Traffic*, *Summary*, and *Search*.

Navigation Screen



To review real-time traffic information along your route:

1. Press *Start* > *All Programs* > *Sprint Navigation* > *Drive To* > *Address*.
2. Enter the physical address information. See “Using a Known Address” on page 187.
3. Press *Options* (right softkey) > *Traffic Summary* and press [ ]. This action displays an onscreen current traffic conditions along your current route.

4. Press *Options* (right softkey) > *Moving Map* and press [ ] to return to your previous driving screen.

Note	*To change the area shown in the onscreen image, you can press either*  *(to zoom in) or*  *(to zoom out).*

To receive turn-by-turn directions (2D):

1. Press *Start* > *All Programs* > *Sprint Navigation* > *Drive To* > *Address*.
2. Enter the physical address information. See “Using a Known Address” on page 187.
3. Press *Options* (right softkey) > *Route Summary* > [ ]. This screen will display turn-by-turn directions to your selected destination.

To search for locations along the way:

1. Press *Start* > *All Programs* > *Sprint Navigation* > *Drive To* > *Address*.
2. Enter the physical address information. See “Using a Known Address” on page 187.
3. Press *Options* (right softkey) > *Find Along* > [ ]. You can then search for a location along your current route based on a name, location, or categories such as food, gas stations, and hotels.
   - See “Using a Local Business Category” on page 190.

Using a Local Business Category

Your device can also cross-reference your current location with local business and points of interest, such as grocery stores, gas stations, Wi-Fi hot spots, and hospitals.

1. Press *Start* > *All Programs* > *Sprint Navigation* > *Drive To* > *Business*.
2. Select a category and then use your navigation key to select a subcategory.
   - This option lets you search by using a category type such as: *Food/Coffee*, *Gas Stations*, *Gas by Price*, *Banks/ATMs*. Additional search criteria include:
     - *Spell Name* – to manually input a business name used for the search.
     - *Recent* – to use a recent location as the search criteria.
   - Entries with more than one available category (a subcategory) are indicated by a gray arrow. These entries can be expanded and then closed.
3. Select the *Near* drop-down box and then select a starting location (*Current Location* or *Somewhere Else*).
   - If you choose *Somewhere Else*, you will be prompted to enter the new starting location from the Search Near screen.
   - By default, the Search Results page lists the Best Price at the top of the list.
4. Highlight a returned search item and press .
5. Highlight *Drive To* and press to then be provided with a new route to the selected location.

To organize and arrange your search results:

1. Select a category entry from the Search Results page. By default, the Search Results page lists the Best Matches based on closest location first (top).
2. Select the *Near* drop-down box and then select a starting location (*Current Location* or *Somewhere Else*).
3. Select *Search*.

4. Press *Menu* (right softkey) to apply the available filter options to best display the matching results:
   - *Map Results*: overlays your current list on a map of your current location. The numeric onscreen entries correspond to your current sorted list.
   - *Sort by Rating*: sorts the results by their overall consumer satisfaction rating (indicated by stars to the left of the entry). The best-rated location (5 stars) is placed at the top of the list. The ratings range from 0 to 5 stars.

To search for the least expensive gas in your area:

1. Press *Start* > *All Programs* > *Sprint Navigation* > *Search* > *Gas By Price*.
2. Select a grade of gasoline: *Any*, *Regular*, *Plus 89*, *Premium*, or *Diesel*.
3. Select the *Near* drop-down box and then select a starting location (*Current Location* or *Somewhere Else*).
   - If you choose *Somewhere Else*, you are prompted to enter the new location.
4. Select *Search* to begin the search.
5. Highlight a gas station and press .
6. Highlight *Drive To* and press to then be provided with a new route to the selected gas station.
   - See “Using a Known Address” on page 187.

Creating a My Favorites Location

Once you have begun using Sprint Navigation to find destinations, you can then either recall those locations and add them to your list of favorite destinations or add new entries to any of the available location categories (Address, Business, Airport, or Contacts).

To create a My Favorites entry from your Current Location:

1. Press *Start* > *All Programs* > *Sprint Navigation* > *Tools & Extras* > *Record Location*.
2. Enter a label for the location and press .
3. Highlight *Save Favorite* and press or *Go* (right softkey).

Sharing a Recent Location with Others

Recently queried locations can be saved to your My Favorites list and also shared with other wireless devices.

1. Press ***Start*** > ***All Programs*** > ***Sprint Navigation*** > ***Tools & Extras*** > ***Share Address***.
2. Select a category from the Share Address page, such as ***Current Location***, ***My Favorites***, ***Recent***, ***Business***, ***Address***, or ***Intersection***.
3. Select an address. You are then sent to the Select Contacts page.
4. Select a recipient by either manually entering a new entry or you can:
   - Select ***Create New Contact*** to manually enter the recipient's name and phone number, and then press ***Go*** (right softkey).

   – or –

   - Choose an existing Contacts entry from the list of entries and press [ ].
   - Use the ***Find*** search field to select a recipient from your Contacts. (Qualifying Contacts entries must contain a wireless phone number.)

Note	*Only Contacts entry numbers that are associated with a* **Mobile** *profile are allowed to receive this address information. The target phone number must be assigned to a* **Mobile** *profile. See "Adding a New Contacts Entry" on page 80.*

5. Press ***Continue*** (right softkey) to store the recipients and return to Share Address page.
6. Enter a label for the location you are sharing and then select ***Continue*** to complete the delivery process.

Configuring Your Navigation Preferences

1. Press *Start* > *All Programs* > *Sprint Navigation* > *Tools & Extras* > *Preferences*.
2. Scroll down the list and select an entry to change its current setting:
   - *My Name*: to alter the current first and last name registered with the service.
   - *Route Style*: to choose the method used to provide you directions from your starting location to your destination. The default is *Fastest route*.
     - Choose from one of the following options: *Always use fastest*, *Always use shortest*, *Always use traffic optimized*, *Always prefer streets*, *Always prefer highway*, *Always use pedestrian*, or *Ask me each trip*.
   - *Traffic Alerts*: to either enable or disable real-time traffic alerts along your current route.
   - *Distance Units*: to change the units used for distances: *Miles/Feet* or *Kilometers/Meters*.
   - *Moving Map*: to select the default map type displayed for your navigation: *3D Moving Maps* or *2D Moving Maps*.
   - *Nav Backlight*: to choose a backlight setting of *Always On* or *Device Settings*.
   - *Audio Prompts*: to choose whether the street names are announced during your navigation.
     - Options include: *With Street Names*, *No Street Names*, or *No Audio*.
   - *More*: to select additional preferences such as:
     - *Guide Tones*: to change the language currently used for announcements between either *English (US)* or *Spanish*.
     - *Region*: to alter the current region (country).
     - *Call In Address*: to alter the number used when accessing spoken directions from the TeleNav™ operator.
     - *Help Card*: to configure the settings for the onscreen help message (card). Options include: *On* or *Off*.

Launching the Product Tour

1. Press *Start* > *All Programs* > *Sprint Navigation* > *About* > *Product Tour*.
2. Follow the onscreen prompts.

Section 4

Safety and Warranty Information



Important Safety Information

- *General Precautions*
- *Maintaining Safe Use of and Access to Your Phone*
- *Caring for the Battery*
- *Using Your Phone With a Hearing Aid Device*
- *Radio Frequency (RF) Energy*
- *Owner's Record*
- *Phone Guide Proprietary Notice*

This phone guide contains important operational and safety information that will help you safely use your phone. Failure to read and follow the information provided in this phone guide may result in serious bodily injury, death, or property damage.

General Precautions

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- Speak directly into the mouthpiece.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery.
- Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.
- Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment and void your authority to operate this equipment.

Note	*For the best care of your phone, ensure that only authorized personnel service your phone and accessories. Failure to do so may be dangerous and void your warranty.*

Maintaining Safe Use of and Access to Your Phone

Do Not Rely on Your Phone for Emergency Calls

Mobile phones operate using radio signals, which cannot guarantee connection in all conditions. Therefore you should never rely solely upon any mobile phone for essential communication (e.g., medical emergencies). Emergency calls may not be possible on all cellular networks or when certain network services or mobile phone features are in use. Check with your local service provider for details.

Using Your Phone While Driving

Talking on your phone while driving (or operating the phone without a hands-free device) is prohibited in some jurisdictions. Laws vary as to specific restrictions. Remember that safety always comes first.

Following Safety Guidelines

To operate your phone safely and efficiently, always follow any special regulations in a given area. Turn your phone off in areas where use is forbidden or when it may cause interference or danger.

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, RF signals from wireless phones may affect inadequately shielded electronic equipment.

RF signals may affect improperly installed or inadequately shielded electronic operating systems and/or entertainment systems in motor vehicles. Check with the manufacturer or their representative to determine if these systems are adequately shielded from external RF signals. Also check with the manufacturer regarding any equipment that has been added to your vehicle.

Consult the manufacturer of any personal medical devices, such as pacemakers and hearing aids, to determine if they are adequately shielded from external RF signals.

Note	*Always turn off the phone in health care facilities and request permission before using the phone near medical equipment.*

Turning Off Your Phone Before Flying

Turn off your phone before boarding any aircraft. To prevent possible interference with aircraft systems, the U.S. Federal Aviation Administration (FAA) regulations require you to have permission from a crew member to use your phone while the plane is on the ground. To prevent any risk of interference, FCC regulations prohibit using your phone while the plane is in the air.

Turning Off Your Phone in Dangerous Areas

To avoid interfering with blasting operations, turn your phone off when in a blasting area or in other areas with signs indicating two-way radios should be turned off. Construction crews often use remote-control RF devices to set off explosives.

Turn your phone off when you're in any area that has a potentially explosive atmosphere. Although it's rare, your phone and accessories could generate sparks. Sparks can cause an explosion or fire, resulting in bodily injury or even death. These areas are often, but not always, clearly marked. They include:

- Fueling areas such as gas stations.
- Below deck on boats.
- Fuel or chemical transfer or storage facilities.
- Areas where the air contains chemicals or particles such as grain, dust, or metal powders.
- Any other area where you would normally be advised to turn off your vehicle's engine.

Note	*Never transport or store flammable gas, flammable liquids, or explosives in the compartment of your vehicle that contains your phone or accessories.*

Restricting Children's Access to Your Phone

Your phone is not a toy. Do not allow children to play with it as they could hurt themselves and others, damage the phone or make calls that increase your invoice.

Using Your Phone With a Hearing Aid Device

Your phone has been tested for for hearing aid device compatibility. When some wireless phones are used with certain hearing devices (including hearing aids and cochlear implants), users may detect a noise which can interfere with the effectiveness of the hearing device.

Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference noise they may generate. ANSI standard C63.19 was developed to provide a standardized means of measuring both wireless phone and hearing devices to determine usability rating categories for both.

Ratings have been developed for mobile phones to assist hearing device users find phones that may be compatible with their hearing device. Not all phones have been rated for compatibility with hearing devices. Phones that have been rated have a label located on the box. ***Your Samsung ACE™ phone has an M3 rating.***

These ratings are not guarantees. Results will vary depending on the user's hearing device and individual type and degree of hearing loss. If a hearing device is particularly vulnerable to interference noise; even a phone with a higher rating may still cause unacceptable noise levels in the hearing device. Trying

out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements for hearing aid compatibility and are likely to generate less interference to hearing devices than unrated phones. (M4 is the better/higher of the two ratings.)

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch"or "Telephone Switch") than unrated phones. (T4 is the better/higher of the two ratings. Note that not all hearing devices have telecoils in them.)

Hearing aid devices may also be measured for immunity to interference noise from wireless phones and should have ratings similar to phones. Ask your hearing healthcare professional for the rating of your hearing aid. Add the rating of your hearing aid and your phone to determine probable usability:

- Any combined rating equal to or greater than six offers excellent use.
- Any combined rating equal to five is considered normal use.
- Any combined rating equal to four is considered usable.

Thus, if you pair an M3 hearing aid with an M3 phone, you will have a combined rating of six for "excellent use." This is synonymous for T ratings.

To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN components must be disabled during a call. See "Turning Bluetooth On and Off" on page 126 for instructions to disable these components.

Sprint further suggests you experiment with multiple phones (even those not labeled M3/T3 or M4/T4) while in the store to find the one that works best with your hearing aid device. Should you experience interference or find the quality of service unsatisfactory after purchasing your phone, promptly return it to the store within 30 days of purchase. With the Sprint 30-day Risk-Free Guarantee, you may return the phone within 30 days of purchase for a full refund. More information about hearing aid compatibility may be found at: www.fcc.gov, www.fda.gov, and www.accesswireless.org.

More information about hearing aid compatibility may be found at: www.fcc.gov, www.fda.gov, and www.accesswireless.org.

Getting the Best Hearing Device Experience With Your Phone

To further minimize interference:

- Set the phone's display and keypad backlight settings to ensure the minimum time interval:
  1. Press *Start* > *All Programs* > *Settings* > *Power Management* > *Display time out* or *Keypad backlight time out*.
  2. Select the minimum time setting and press  .
- Phones with embedded antennas may produce more interference.

- Move the phone around to find the point with least interference.

Caring for the Battery

Protecting Your Battery

The guidelines listed below help you get the most out of your battery's performance.

- Recently there have been some public reports of wireless phone batteries overheating, catching fire or exploding. It appears that many, if not all, of these reports involve counterfeit or inexpensive, aftermarket-brand batteries with unknown or questionable manufacturing standards. Sprint is not aware of similar problems with Sprint phones resulting from the proper use of batteries and accessories approved by Sprint or the manufacturer of your phone. Use only Sprint-approved or manufacturer-approved batteries and accessories found at Sprint Stores or through your phone's manufacturer, or call 1-866-343-1114 to order. They're also available at www.sprint.com – click ***Accessories***. Buying the right batteries and accessories is the best way to ensure they're genuine and safe.
- In order to avoid damage, charge the battery only in temperatures that range from 32° F to 113° F (0° C to 45° C).
- Don't use the battery charger in direct sunlight or in high humidity areas, such as the bathroom.
- Never dispose of the battery by incineration.
- Keep the metal contacts on top of the battery clean.
- Don't attempt to disassemble or short-circuit the battery.
- The battery may need recharging if it has not been used for a long period of time.
- It's best to replace the battery when it no longer provides acceptable performance. It can be recharged hundreds of times before it needs replacing.
- Don't store the battery in high temperature areas for long periods of time. It's best to follow these storage rules:
  - Less than one month: -4° F to 140° F (-20° C to 60° C)
  - More than one month: -4° F to 113° F (-20° C to 45° C)

Disposal of Lithium Ion (Li-Ion) Batteries

For safe disposal options of your Li-Ion batteries, contact your nearest authorized service center.

Special Note: Be sure to dispose of your battery properly. In some areas, the disposal of batteries in household or office trash may be prohibited.

Radio Frequency (RF) Energy

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Knowing Radio Frequency Safety

The design of your phone complies with updated NCRP standards described below.

In 1991-92, the Institute of Electrical and Electronics Engineers (IEEE) and the American National Standards Institute (ANSI) joined in updating ANSI's 1982 standard for safety levels with respect to human exposure to RF signals. More than 120 scientists, engineers and physicians from universities, government health agencies and industries developed this updated standard after reviewing the available body of research. In 1993, the Federal Communications Commission (FCC) adopted this updated standard in a regulation. In August 1996, the FCC adopted hybrid standard consisting of the existing ANSI/IEEE standard and the guidelines published by the National Council of Radiation Protection and Measurements (NCRP).

Body-Worn Operation

To maintain compliance with FCC RF exposure guidelines, if you wear a handset on your body, use an approved carrying case, holster or other body-worn accessory. Use of non-approved accessories may violate FCC RF exposure guidelines.

For more information about RF exposure, visit the FCC Web site at www.fcc.gov.

Specific Absorption Rates (SAR) for Wireless Phones

The SAR is a value that corresponds to the relative amount of RF energy absorbed in the head of a user of a wireless handset.

The SAR value of a phone is the result of an extensive testing, measuring, and calculation process. It does not represent how much RF the phone emits. All phone models are tested at their highest value in strict laboratory settings. But when in operation, the SAR of a phone can be substantially less than the level reported to the FCC. This is because of a variety of factors including its proximity to a base station antenna, phone design and other factors. What is important to remember is that each phone meets strict federal guidelines. Variations in SARs do not represent a variation in safety.

All phones must meet the federal standard, which incorporates a substantial margin of safety. As stated above, variations in

SAR values between different model phones do not mean variations in safety. SAR values at or below the federal standard of 1.6 W/kg are considered safe for use by the public.

The highest reported SAR values of the Samsung ACE™ are:

- *Cellular CDMA mode (Part 22):*
  Head: 1.00 W/kg; Body-worn: 1.28 W/kg
- *PCS mode (Part 24):*
  Head: 1.36 W/kg; Body-worn: 0.862 W/kg

FCC Radio Frequency Emission

This phone meets the FCC Radio Frequency Emission Guidelines.
FCC ID number: A3LSPHI325

More information on the phone's SAR can be found from the following FCC Web site: http://www.fcc.gov/oet/fccid.

Owner's Record

The model number, regulatory number and serial number are located on a nameplate inside the battery compartment. Record the serial number in the space provided below. This will be helpful if you need to contact us about your phone in the future.

Model: Samsung ACE™

Serial No.:

Phone Guide Proprietary Notice

CDMA Technology is licensed by QUALCOMM Incorporated under one or more of the following patents:

4,901,307	5,109,390	5,267,262	5,416,797
5,506,865	5,544,196	5,657,420	5,101,501
5,267,261	5,414,796	5,504,773	5,535,239
5,600,754	5,778,338	5,228,054	5,337,338
5,710,784	5,056,109	5,568,483	5,659,569
5,490,165	5,511,073		

T9 Text Input is licensed by Tegic Communications and is covered by U.S. Pat. 5,818,437, U.S. Pat. 5,953,541, U.S. Pat. 6,011,554 and other patents pending.

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Manufacturer's Warranty

- *Manufacturer's Warranty*

Your phone has been designed to provide you with reliable, worry-free service. If for any reason you have a problem with your equipment, please refer to the manufacturer's warranty in this section.

For information regarding the terms and conditions of service for your phone, please visit ***www.sprint.com*** or call Sprint Customer Service at *1-888-211-4727*.

Manufacturer's Warranty

STANDARD LIMITED WARRANTY

What is Covered and For How Long?
SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case/Pouch/Holster	90 Days
Game Pad	90 Days
Other Phone Accessories	1 Year

What is Not Covered?
This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number

removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations?

During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

What Are the Limits on SAMSUNG's Liability?

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

"THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;

"WARRANTIES OF TITLE OR NON-INFRINGEMENT;

"DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;

"THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR

"COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

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THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT. THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

Precautions for Transfer and Disposal

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the Samsung Customer Care Center for details.

Important	*Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.*

Customer Care Center:

1000 Klein Rd.

Plano, TX 75074

Toll Free Tel: 1-888-987-HELP (4357)

Samsung Telecommunications America, LLC.

1301 E. Lookout Drive

Richardson, Texas 75082

Phone: 1-888-987-HELP (4357)

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